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57TH CONGRESS,
2d Session.

HOUSE OF REPRESENTATIVES. } DOCUMENT
No. 315.

PROPOSALS FOR MATERIALS AND LABOR FOR
ENGINEER DEPARTMENT.

LETTER

FROM

THE SECRETARY OF WAR.

TRANSMITTING

ABSTRACTS OF PROPOSALS FOR MATERIALS AND LABOR IN CON-
NECTION WITH WORKS UNDER THE ENGINEER DEPARTMENT
OF THE ARMY.

DECEMBER 12, 1902.—Referred to the Committee on Rivers and Harbors and ordered
to be printed.

WAR DEPARTMENT,
Washington, December 11, 1902.

SIR: Pursuant to the provisions of section 230, Revised Statutes, I
have the honor to transmit herewith abstracts of proposals received
during the fiscal year ending June 30, 1902, for materials and labor in
connection with works under the Engineer Department, U. S. Army.

Very respectfully,

ELIHU ROOT,
Secretary of War.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

OFFICE OF THE CHIEF OF ENGINEERS, U. S. ARMY,
Washington, December 10, 1902.

SIR: Section 230 of the Revised Statutes provides that—

Whenever the Secretary of War invites proposals for any works, or for any mate-
rials or labor for any work, he shall report to Congress, at its next session, all bids
therefor, with the names of the bidders.

In pursuance thereof I have the honor to submit herewith abstracts
of proposals received during the fiscal year ending June 30, 1902, for
materials and labor in connection with works under the Engineer
Department.

Very respectfully, your obedient servant,

G. L. GILLESPIE,
Brig. Gen., Chief of Engineers, U. S. Army.

Hon. ELIHU ROOT,
Secretary of War.

ABSTRACTS OF PROPOSALS RECEIVED IN THE VARIOUS ENGINEER DISTRICTS DURING THE FISCAL YEAR ENDING JUNE 30, 1902, IN CONNECTION WITH FORTIFICATION, RIVER AND HARBOR, AND OTHER IMPROVEMENTS, UNDER THE DIRECTION OF THE CHIEF OF ENGINEERS, U. S. ARMY.

PORTLAND, ME., DISTRICT.

[Officer: Maj. S. W. Roessler, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for apparatus for electric generating plant at Fort Williams, Me., July 5, 1901.

No.	Name and address of bidder.	Boiler and connections to chimney. (Secs. 45-70.)	Chimney. (Secs. 71-84.)	Blower set. (Sec. 85.)	Boiler feed pump. (Sec. 86.)	Vertical feed water heater. (Sec. 87.)	Generating set. (Secs. 88-110.)	250 lamps. (Secs. 111-119.)
3	Belknap Motor Co., Portland, Me.						\$2,264.00	
4	The Burnet Co., New York City	\$1,900.00	\$350.00	\$200.00	\$65.00	\$110.00	2,900.00	\$40.00
6	Heine Safety Boiler Co., St. Louis, Mo.	\$1,350.00	380.00	165.00	94.00	266.00		
8	Onondaga Dynamo Co., New York City			194.00			2,048.00	
10	Westinghouse-Church-Kerr & Co., Boston, Mass.						\$2,387.00	
11	New Jersey Foundry and Machine Co., New York City	2,162.00			\$73.00		2,836.00	
12	The New York Safety and Steam Power Co., New York City	1,757.00						
13	James Reilly Repair and Supply Co., New York City			\$162.50	56.97		2,370.37	
14	McCay Engineering Co., Baltimore, Md.						\$3,460.00 (2,975.00)	

No.	Name and address of bidder.	Wire. (Secs. 120-126.)	Conduit tools, etc. (Secs. 127-132.)	Fixtures for lighting circuits. (Secs. 133-138.)	Four lighting arresters. (Sec. 139.)	Ammeter, volt-meter, and test machine. (Secs. 140-141.)	Five search-light terminal boxes. (Sec. 142.)	Time.
1	The Safety Insulated Wire and Cable Co., New York City	\$7,682.75						Days. 30
2	Standard Underground Cable Co., Pittsburg, Pa.	7,312.00						40
3	Belknap Motor Co., Portland, Me.							70
4	The Burnet Co., New York City	7,900.00	\$293.00	\$375.00	\$18.00	\$146.00	\$55.00	30 to 150
5	Lord Electric Co., Boston, Mass.	9,770.00						14
6	Heine Safety Boiler Co., St. Louis, Mo.							60
7	Hazard Manufacturing Co., New York City	8,099.95						60
8	Onondaga Dynamo Co., New York City							45
9	Safety Amorite Conduit Co., Boston, Mass.		232.04					(b)
10	Westinghouse-Church-Kerr & Co., Boston, Mass.							120
11	New Jersey Foundry and Machine Co., New York City							30-120
12	The New York Safety and Steam Power Co., New York City							60
13	James Reilly Repair and Supply Co., New York City					188.82		20-60
14	McCay Engineering Co., Baltimore, Md.							(b)

^a Proposals accepted.

^b No time given.

Abstract of proposals for Portland cement, July 8, 1901.

No.	Name and address of bidder.	Brand.	Price per barrel.	Pass through sieve of—		Time.
				100 meshes.	50 meshes.	
				<i>Per cent.</i>	<i>Per cent.</i>	
1	Ham & Carter, Boston, Mass.	Dexter.....	\$1.75			{ Reasonable. Do. 10 days.
2	Lawrence Cement Co., New York, N. Y.	Vulcanite.....	2.25			
		Dragon.....	1.64	94	98	
3	Berry & Ferguson, Boston, Mass.	Saylors.....	1.67	95		Do.
4	James A. Davis & Co., Boston, Mass.	Lehigh.....	1.55	95	99	Do.
5	Fiske & Co.....	Star.....	1.80	95-98	98-100	5 days.
6	Waldo Bros.....	Atlas.....	1.56	90	99	14 days.

Emergency contract made with James A. Davis & Co.

Abstract of proposals for broken stone, Great Diamond and Cow islands, Maine, August 31, 1901.

No.	Name and address of bidder.	Price per ton.
1	Philip H. Doyen, Portland, Me.....	\$1.45
2	Rockport Granite Co., Rockport, Mass.....	1.87

Emergency contract made with Philip H. Doyen.

Abstract of proposals for peace storage magazine, Fort Williams, Me., October 12, 1901.

No.	Name and address of bidder.	Price.	Time.
1	F. W. Cunningham & Son, Portland, Me.....	\$3,845	60 days after signing contract.
2	Spencer Rogers, Portland, Me.....	3,990	No time given.

Emergency contract made with F. W. Cunningham & Son.

Abstract of proposals for anthracite coal and fresh water for U. S. S. Cora, February 5, 1902.

No.	Name and address of bidder.	Coal (price per ton of 2,000 pounds).	Fresh water (price per 1,000 gallons).
			<i>Cents.</i>
1	A. R. Wright Co., Portland, Me.....	\$5.40	40
2	Randall & McAllister, Portland, Me.....	5.53	40

Contract made with A. R. Wright Company.

Abstract of proposals for bituminous coal for Fort Williams, Me., February 5, 1902.

No.	Name and address of bidder.	Price per ton of 2,000 pounds.
1	A. R. Wright Co., Portland, Me.....	\$4.70
2	Randall & McAllister, Portland, Me.....	4.90

Emergency contract made with A. R. Wright Company.

4 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for bituminous coal, February 5, 1902, for Cushing, Great Diamond, and Cow islands, Portland Harbor, Maine.

No.	Name and address of bidder.	Price per ton of 2,000 pounds.
1	A. R. Wright Co., Portland, Me.....	\$4.67
2	Randall & McAllister, Portland, Me.....	4.50

Contract made with Randall & McAllister.

Abstract of proposals for Portland cement, February 27, 1902.

No.	Name and address of bidder.	Brand.	Price per barrel.
1	Waldo Bros., Boston, Mass.....	Atlas.....	\$1.49
2	Cox & Ward, Portland, Me.....	Saylors.....	1.58
3	J. A. Davis & Co., Boston, Mass.....	Lehigh or Alpha.....	1.52

Emergency contract made with Waldo Brothers.

Abstract of proposals for sand, March 5, 1902.

No.	Name and address of bidder.	Price per ton.
1.	Rowe Bros. Co., Richmond, Me.	Cents. 65

Emergency contract made with Rowe Brothers Company.

RIVERS AND HARBORS.

Abstract of proposals for placing stone on outer slope of breakwater at Rockland Harbor, Maine, August 26, 1901.

No.	Name and address of bidder.	Price per ton.	Amount (23,000 tons).	Commence.	Complete.
1	Aaron Cleaves, Sylvester I. Hill, Chebeague, Me.	\$1.05½	\$24,265	10 days.....	13 months.
2	Romano V. Perini, Wilmington, Del.	.96	22,080	.....do.....	December 31, 1902.
3	Eugene S. Belden, Hartford, Conn...	.87	20,010	30 days.....	150 working days.
4	William S. White, Rockland, Me....	.93	21,390	.....do.....	15 months.

a Contract made with Eugene S. Belden.

BOSTON, MASS., FIRST DISTRICT.

[Officer: Captain Harry Taylor, Corps of Engineers.]

FORTIFICATIONS.

Abstracts of proposals opened during fiscal year ending June 30, 1902, for supplies, etc., for fortification works in Portsmouth Harbor, New Hampshire.

TILE, OPENED FEBRUARY 10, 1902.

No.	Name and address of bidder.	Price per 1,000.	
		12,000 style "A"	200 style "B"
1	National Fireproofing Co., Pittsburg, Pa.....	\$157.50	\$210
2	Henry Maurer & Son, New York, N. Y.....	250.00	350

Contract made with the National Fireproofing Company.

Abstract of proposals opened during fiscal year ending June 30, 1902, etc.—Continued.

STEEL DOORS, OPENED APRIL 10, 1902.

No.	Name and address of bidder.	Price per door.			
		2 single leaf, 2 feet 6 inches.	22 single leaf, 3 feet.	2 single leaf, 4 feet.	3 double leaf, 6 feet.
1	Harold L. Bond & Co., Boston, Mass	\$58.00	\$60.00	\$66.50	\$110.00
2	Portland Co., Portland, Me	78.00	80.00	85.00	121.00
3	Geo. T. McLauthlin Co., Boston, Mass	96.00	101.00	115.00	192.00
4	Fletcher & Crowell Co., Portland, Me	41.00	46.00	59.00	86.00
5	Ellicott Machine Co., Baltimore, Md	52.35	55.97	70.76	110.78
6	Robert S. Bishop, New York City	50.00	55.00	60.00	90.00
7	F. A. Houdlette & Son, Boston, Mass	40.05	43.62	39.15	71.40
8	G. P. Bullard & Co., Boston, Mass	27.00	30.00	40.00	54.00

Contract made with G. P. Bullard & Co.

PORTLAND CEMENT, OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per barrel.		Brand.
		In barrels.	In sacks.	
1	Berry & Ferguson, Boston, Mass	\$1.65	\$1.40	Saylor's.
2	W. G. Nash, Boston, Mass	1.75	1.55	Invicta.
3	Waldo Bros., Boston, Mass	1.74	1.50	Atlas.
4	Windsor Cement Co., Boston, Mass	1.85	.....	Vulcanite.

Contract made with Berry & Ferguson.

BROKEN STONE, OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per cubic yard.	
		Class A.	Class B.
1	Rockport Granite Co., Rockport, Mass	\$1.85	\$1.85
2	Pigeon Hill Granite Co., Rockport, Mass		
2	Philip H. Doyen, Knightsville, Me	2.25	3.00

Contract made with Rockport Granite Company and Pigeon Hill Granite Company.

SAND (OR CRUSHER DUST), OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per cubic yard.
1	Rowe Bros. Co., Richmond, Me	\$0.70
2	Rockport Granite Co., Rockport, Mass	
	Pigeon Hill Granite Co., Rockport, Mass	a 1.61

a Crusher dust.

All proposals rejected.

6 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals opened during fiscal year ending June 30, 1902, for supplies, etc., for fortification works in Boston Harbor, Massachusetts.

WOODEN HULL STEAM LIGHTER, OPENED JULY 29, 1901.

No.	Name and address of bidder.	Amount bid.
1	Arthur D. Story, Essex, Mass.....	\$20,860
2	Petersburg Iron Works Co., Petersburg, Va.....	65,000

All proposals rejected.

FOUR AMMUNITION LIFTS, OPENED AUGUST 9, 1901.

No.	Name and address of bidder.	Amount bid.
1	Harold L. Bond & Co., Boston, Mass.....	\$1,947
2	Ellicott Machine Co., Baltimore, Md.....	1,638
3	R. S. Bishop, New York, N. Y.....	1,940
4	New Jersey Foundry and Machine Co., New York, N. Y.....	1,868

Contract made with Ellicott Machine Company.

CONSTRUCTING EARTH EMBANKMENT, OPENED OCTOBER 14, 1901.

No.	Name and address of bidder.	Price per cubic yard.
1	John Cashman, Quincy, Mass.....	\$0.60
2	H. W. Varnum, Burlington, Vt.....	.68
3	Massachusetts Contracting Co., Charlestown, Mass.....	.94
4	Ernest J. Jones, Everett, Mass.....	.95

Contract made with John Cashman.

TILE, OPENED FEBRUARY 10, 1902.

No.	Name and address of bidder.	Price per 1,000 for—	
		8,000 style "A."	200 style "B."
1	National Fireproofing Co., Pittsburg, Pa.....	\$157.50	\$210
2	Henry Maurer & Son, New York, N. Y.....	250.00	350

Contract made with National Fireproofing Company.

TWO AMMUNITION HOISTS, WITH MOTORS, COMPLETE, OPENED MARCH 20, 1902.

No.	Name and address of bidder.	Amount bid.
1	Robert S. Bishop, New York, N. Y.....	\$2,090
2	Ellicott Machine Co., Baltimore, Md.....	2,376
3	Greenlie, Wyatt & Co., New York, N. Y.....	2,900

Contract made with Ellicott Machine Company.

Abstract of proposals opened during fiscal year ending June 30, 1902, etc.—Continued.

FURNISHING BOARD TO UNITED STATES EMPLOYEES, OPENED MARCH 31, 1902.

No.	Name and address of bidder.	Price per meal at—		
		Lovells Island.	Peddocks Island.	Both places.
		Cents.	Cents.	Cents.
1	Joshua Taylor, Chelsea, Mass	22		21½
2	James F. Dowd, Hull, Mass	20½	22	21
3	George Reichenbacher, Chelsea, Mass	20	20	19
4	John S. Jackson, East Boston, Mass	20	20	20
5	Mary A. Tenneson, Boston, Mass	19	19	38
6	Margaret Riley, Rutland, Mass	16½	16½	16½

Contract made with Margaret Riley.

STEEL DOORS, OPENED APRIL 10, 1902.

No.	Name and address of bidder.	Price per door.				
		Two single leaf, 2 feet 6 inches.	Eight single leaf, 3 feet.	Two double leaf, 4 feet.	Four double leaf, 6 feet.	Two double leaf, 10 feet.
1	Harold L. Bond & Co., Boston, Mass.....	\$57.50	\$59.50	\$109.50	\$111.50	\$125.00
2	Portland Co., Portland, Me.....	78.00	80.00	113.00	121.00	142.00
3	Geo. T. McLauthlin Co., Boston, Mass.....	92.00	98.00	165.00	187.00	245.00
4	Fletcher & Crowell Co., Portland, Me.....	41.00	46.00	64.00	86.00	119.00
5	Ellicott Machine Co., Baltimore, Md.....	52.35	55.97	81.35	110.78	164.00
6	Robert S. Bishop, New York City.....	50.00	55.00	76.00	90.00	113.00
7	F. A. Houdlette & Son, Boston, Mass.....	39.58	43.10	38.62	70.67	88.69
8	G. P. Bullard & Co., Boston, Mass.....	27.00	30.00	47.00	54.00	86.00

Contract made with G. P. Bullard & Co.

EXCAVATING AND DITCHING, OPENED APRIL 14, 1902.

No.	Name and address of bidder.	Price per cubic yard.	
		Excavation.	Ditching.
1	George H. Keyes, Charlestown, Mass.....	\$0.55	\$0.85
2	Auguste Saucier, South Framington, Mass.....	.64	.70
3	John Cashman, Quincy, Mass.....	.65	1.00
4	E. F. Brigham, Boston, Mass.....	.85	.90
5	Andrew Carberry, East Walpole, Mass.....	.94	.94

Contract made with George H. Keyes.

PORTLAND CEMENT, OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per barrel.		Brand.
		In barrels.	In sacks.	
1	Berry & Ferguson, Boston, Mass.....	\$1.65	\$1.40	Saylor's.
2	D. W. Lewis, Boston, Mass.....	1.75	1.50	Iron Clad.
3	W. G. Nash, Boston, Mass.....	1.70	1.50	Invicta.
4	Waldo Brothers, Boston, Mass.....	1.74	1.50	Atlas.
5	Windsor Cement Co., Boston, Mass.....	1.80	.....	Vulcanite.

Contract made with Berry & Ferguson.

8 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals opened during fiscal year ending June 30, 1902, etc.—Continued.

BROKEN STONE, OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per cubic yard.	
		Class A.	Class B.
1	{Rockport Granite Co., Rockport, Mass..... Pigeon Hill Granite Co., Rockport, Mass.....}	\$1.75	\$1.75

Contract made with Rockport Granite Company and Pigeon Hill Granite Company.

SAND (OR CRUSHER DUST), OPENED APRIL 28, 1902.

No.	Name and address of bidder.	Price per cubic yard.
1	Rowe Brothers Co., Richmond, Me.....	\$0.79
2	J. P. O'Riorden, Charlestown, Mass .....	.71

All proposals rejected.

EXCAVATING, SODDING, ETC., OPENED APRIL 30, 1902.

No.	Name and address of bidder.	Nature of bid.	Price bid.
1	George H. Keyes, Charlestown, Mass.....	Excavation per cubic yard..	\$0.95
		Sodding per square yard..	.85
		Seeding do..	.05
		Sand and gravel for masonry cover, per cubic yard.	1.92
		Gravel for blind drains ... per cubic yard..	1.92
		Vitrified sewer pipe..... per linear foot ..	.25
		Tile drain pipe..... do..	.25
		Inlets per foot..	2.75
		Manholes do..	3.75
		Galvanized-iron pipe do..	.15
		Hydrants each..	7.00
		Street washers do..	2.00
		Service boxes do..	2.00

Proposal rejected.

SAND (OR CRUSHER DUST), OPENED MAY 2, 1902.

No.	Name and address of bidder.	Price per cubic yard.
1	Rowe Bros. Co., Richmond, Me.....	\$0.70
2	J. P. O'Riorden, Charlestown, Mass .....	.71
3	{Pigeon Hill Granite Co., Rockport, Mass..... Rockport Granite Co., Rockport, Mass.....}	a 1.41

a Crusher dust.

Contract made with Rowe Brothers Company.

BROKEN STONE, OPENED MAY 2, 1902.

No.	Name and address of bidder.	Price per cubic yard.
1	{Pigeon Hill Granite Co., Rockport, Mass..... Rockport Granite Co., Rockport, Mass.....}	\$1.75
2	Philip H. Doyen, Knightsville, Me.....	2.25

Contract made with Pigeon Hill Granite Company and Rockport Granite Company.

RIVERS AND HARBORS.

Abstract of proposals opened during fiscal year ending June 30, 1902, for repairing break-water at Burlington, Vt., opened July 30, 1901.

No.	Name and address of bidder.	Concrete blocks, per cubic yard.	Portland cement, per barrel.	Broken stone, per ton of 2,000 pounds	Sand, per cubic yard.	Cotton bags, each.	Sharpening chisels and drills, each.	Furnishing and operating plant, per day of ten hours' work.
1	Daly & Hannan Dredging Co., Ogdensburg, N. Y.	\$8.00	^a \$2.20	\$1.00	\$0.75	\$0.15	\$0.10	\$52.00
2	Elisha N. Goodsell, Alburg, Vt.	9.00	^b 2.75	.90	.75	.25	.10	65.00

^aIronclad.^bAtlas.

Contract made with Daly & Hannan Dredging Company.

BOSTON, MASS., SECOND DISTRICT.

[Officer: Lieut. Col. W. S. Stanton, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for rock excavation in the Lower Main Ship Channel, Boston Harbor, Massachusetts, opened April 16, 1902, by Lieut. Col. W. S. Stanton, Corps of Engineers.

No.	Name.	Address.	Price bid per cubic yard, situ measurement.	Total for removing 19,008 cubic yards.	Remarks.
1	Johnston & Virden	Lewes, Del.	\$19.15	\$364,003.20	Informal.
2	George W. Townsend	Boston, Mass.	19.93	378,829.44	
3	R. G. Packard Co.	New York, N. Y.	12.78	242,922.24	
4	P. Sanford Ross, Incorporated	Jersey City, N. J.	19.00	361,152.00	Lowest bid. Informal.
5	G. H. Breyman & Bros.	Toledo, Ohio.	9.73	184,947.84	
6	Daly & Hannan Dredging Co.	Ogdensburg, N. Y.	10.23	194,451.84	
7	Dunbar & Sullivan	Buffalo, N. Y.	18.10	344,044.80	

The contract was awarded to G. H. Breyman & Bros., with the approval of the Chief of Engineers.

Abstract of proposals for dredging in Chelsea Creek, Boston Harbor, Massachusetts, opened May 5, 1902, by Lieut. Col. W. S. Stanton, Corps of Engineers.

No.	Name and address of bidder.	Price bid per cubic yard.	Total yards that can be dredged.
1	Bay State Dredging Co., Boston, Mass.	\$0.25	18,000

The contract was awarded to the Bay State Dredging Company, with the approval of the Chief of Engineers, and an emergency contract entered into.

10 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

NEWPORT, R. I., DISTRICT.

[Officer, Maj. George W. Goethals, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for constructing wharf at Fox Hill, Rhode Island, opened at Newport, R. I., September 7, 1901, by Maj. George W. Goethals, Corps of Engineers.

Name and address of bidder.	Class of wharf.	Price for wharf complete.
T. A. Scott, New London, Conn.	Pile.	\$8,715.19
Jos. C. Terry, Fall River, Mass.	do.	5,975.00
F. E. Shaw, Providence, R. I.	do.	7,500.00
Stillman Saunders, Saundertown, R. I.	do.	12,000.00
Wm. Beattie, Fall River, Mass.	Stone.	21,600.00
Eugene S. Belden, Hartford, Conn.	do.	32,200.00
Estate John Beattie, Leete Island, Conn.	do.	49,800.00
R. H. Beattie, Fall River, Mass.	do.	21,097.00

Contract awarded to Joseph C. Terry, Fall River, Mass.

Abstract of proposals received and opened September 10, 1901, by Maj. George W. Goethals, Corps of Engineers, for furnishing carts, horses, and drivers for Fox Hill, Rhode Island.

No.	Name and address of bidder.	Price per day.	
		Double.	Single.
1	Peckham & Head, Jamestown, R. I.	\$4.25	\$3.25
2	David T. Briggs, Jamestown, R. I.	5.50	3.75

Contract awarded to Peckham & Head, Jamestown, R. I.

Abstract of proposals for furnishing two 30-kilowatt generating sets for Fort Greble, R. I., received and opened December 31, 1901, by Maj. George W. Goethals, Corps of Engineers.

No.	Name and address of bidder.	Price each set.
1	The Burnet Co., New York, N. Y.	\$1,550
2	McCay Engineering Co., Baltimore, Md.	1,423

Contract awarded to McCay Engineering Company, Baltimore, Md.

Abstract of proposals for furnishing American Portland cement, broken stone, and sand at Fox Hill, R. I., received at United States Engineer office, Newport, R. I., on December 24, 1901, by Maj. George W. Goethals, Corps of Engineers.

No.	Name and address of bidder.	14,000 barrels American Portland cement (per barrel).	Brand of cement.	11,000 cubic yards broken stone (per cubic yard).	6,000 cubic yards sand (per cubic yard).
1	Atlas Portland Cement Co., New York, N. Y.	\$1.39	Atlas. ....	.....	.....
2	James A. Davis & Co., Boston, Mass.	1.56	Lehigh or Alpha. ....	.....	.....
3	Windsor Cement Co., Boston, Mass.	1.51	Catskill. ....	.....	.....
4	do.	1.64	Vulcanite. ....	.....	.....
5	Copley Cement Manufacturing Co., New York.	1.51	Saylors. ....	.....	.....
6	J. K. Sullivan, Newport, R. I. ....	.....	.....	\$1.73	\$1.25

Contract for cement awarded to Atlas Portland Cement Company, New York, N. Y.
 Contract for stone and sand awarded to J. K. Sullivan, Newport, R. I.

Abstract of proposals for modified book tile received and opened March 31, 1902, by Maj. George W. Goethals, Corps of Engineers.

No.	Name and address of bidder.	Style A (price per M).	Style B (price per M).
1	New England Fireproofing Co., Boston, Mass.....	\$190	\$250
2	National Fireproofing Co., Pittsburg, Pa.....	180	240

Contract awarded to National Fireproofing Company, Pittsburg, Pa.

RIVERS AND HARBORS.

Abstract of proposals for dredging entrance to harbor at Block Island, Rhode Island, received and opened May 5, 1902, by Maj. George W. Goethals, Corps of Engineers.

No.	Name and address of bidders.	Price per cubic yard.
1	Charles M. Cole, Fall River, Mass.....	\$0.24
2	Charles H. Latham, Hartford, Conn.....	.243
3	Henry H. Morgan, New London, Conn.....	.274
4	T. A. Scott, New London, Conn.....	.30

Contract awarded to Charles M. Cole, Fall River, Mass.

NEW LONDON, CONN., DISTRICT.

[Office Maj. Charles F. Powell, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for one set of electric accumulators and accessories received in response to public notice dated February 18, 1902, and opened February 28, 1902, by Maj. Charles F. Powell, Corps of Engineers.

No.	Name and address of bidder.	Price.
1	Electric Storage Battery Co., Boston, Mass.....	\$2,875.00
2	Helios-Upton Co., Chicago, Ill.....	^a 975.00
3	Reuterdahl Electric Co., Providence, R. I.....	^b 835.70
4	Porter Battery Co., Chicago, Ill.....	2,000.00

^a Accepted.

^b Informal; not in accordance with specifications.

RIVERS AND HARBORS.

Abstract of proposals for dredging in Connecticut River received in response to public notice dated April 26, 1902, and opened May 10, 1902, by Charles F. Powell, major, Corps of Engineers.

No.	Name and address of bidder.	Price per cubic yard.
1	John P. Randerson, Albany, N. Y.....	\$0.13
2	The Morgan Iron Works, New London, Conn.....	.12½
3	T. A. Scott, New London, Conn.....	.12½
4	Hartford and New York Transportation Co., Hartford, Conn.....	^a .11½

^a Accepted.

NEW YORK, N. Y., FIRST DISTRICT.

[Officer: Col. S. M. Mansfield, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received August 5, 1901, for repairing dikes at Saugerties, N. Y.

No.	Name and address of bidder.	Square timber, 16,000 feet B. M. (per M feet).	Round timber, 2,000 linear feet (per linear foot).	Iron, 12,300 pounds (per pound).	Rubble-stone, 500 cubic yards (per cubic yard).	Total.
1	John J. Cooney, Kingston, N. Y.				\$0.80	
2	William Parrott, Newburg, N. Y.	\$37.00	\$0.09	\$0.03½	.85	\$1,659.75
3	J. L. Powley, Rondout, N. Y.	46.33	.07½	.04	1.00	1,996.88
4	William D. Fuller, New Baltimore, N. Y.	45.00	.15	.06	1.00	2,260.40
5	Frank Pidgeon, Saugerties, N. Y.	48.00	.15	.06	.99	2,264.00
6	Richard Parrott, Newburg, N. Y.	48.00	.16	.10 .05	1.00	2,625.00

NEW YORK, N. Y., SECOND DISTRICT.

[Officer: Maj. W. L. Marshall, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for American Portland cement and broken stone required at Fort Hancock, N. J., received in response to advertisement dated August 1, 1901, and opened August 15, 1901, by Maj. W. L. Marshall, Corps of Engineers, at New York City.

No.	Name and address of bidder.	6,000 barrels American Portland cement.				5,000 cubic yds. broken stone (kind, trap).	
		Brand.	Per barrel in wood.	Per barrel in sacks.	Rebate per sack returned.	Total.	Per cubic yard.
1	Hiram Snyder & Co., 229 Broadway, New York City. ^a	Alpha	\$1.28	\$1.44	\$0.10	\$7,689	
2	Manhattan Trap Rock Co., 11 Broadway, New York City. ^b			\$1.04		6,240	\$0.84
3	Jacob E. Conklin, 135 Front street, New York City.						.89
4	The Atlas Portland Cement Co., 30 Broad street, New York City.	Atlas	1.40	1.57	.10	8,400	
5	Commercial Wood and Cement Co., 156 Fifth avenue, New York City.	Saylors	1.49	1.53	.07	7,020	
				1.25		7,500	

^a Lowest bid for cement.^b Lowest bid for broken stone.*Abstract of proposals received for excavation and embankment at Fort Wadsworth, N. Y., opened September 4, 1901, by Maj. W. L. Marshall, Corps of Engineers, at New York City.*

No.	Name and address of bidder.	Per cubic yard.	36,500 cubic yards.
1	W. H. Ludlow, Fort Wadsworth, Staten Island, N. Y.	\$0.18½	\$6,843.75
2	C. F. Hart, New Brighton, Staten Island, N. Y. ....	.30	10,950.00
3	Joseph Johnson, West New Brighton, Staten Island, N. Y. ....	.17	6,205.00

^a Lowest bid.

Abstract of bids for cable required at Fort Hancock, N. J., opened October 4, 1901, by Maj. W. L. Marshall, Corps of Engineers, New York, N. Y.

No.	Name and address of bidder.	Single conductor.					
		Per foot.	3,500 feet, 1,000,000 c. m.	Per foot.	2,000 feet, 650,000 c. m.	Per foot.	2,000 feet, 550,000 c. m.
1	Safety Insulated Wire and Cable Co., 229 West Twenty-eighth street, New York, N. Y.	\$1.25	\$4,375.00	\$0.88	\$1,760.00	\$0.78	\$1,872.00
2	India Rubber and Gutta Percha Insulating Co., Yonkers, N. Y.	1.14½	3,998.75	.83½	1,670.00	.73½	1,764.00
3	Standard Underground Cable Co., 56 Liberty street, New York, N. Y.	1.0224	3,578.40	.7351	1,470.20	.66	1,584.00
4	Hazard Manufacturing Co., 50 Dey street, New York City ^a	1.16½	4,077.50	.83½	1,665.00	.74½	1,788.00
5	The Okonite Co., Limited, 253 Broadway, New York, N. Y.	1.17	4,095.00	.87½	1,750.00	.71½	1,710.00

No.	Name and address of bidder.	Duplex conductor.							
		Per foot.	900 feet, 400,000 c. m.	Per foot.	3,550 feet, 250,000 c. m.	Per foot.	650 feet, 225,000 c. m.	Per foot.	900 feet, 211,600 c. m.
1	Safety Insulated Wire and Cable Co., 229 West Twenty-eighth street, New York, N. Y.	\$1.14	\$1,026.00	\$0.85	\$3,017.50	\$0.80	\$520.00	\$0.74	\$666.00
2	India Rubber and Gutta Percha Insulating Co., Yonkers, N. Y.	1.206	1,085.40	.90	3,195.00	.83½	550.88	.80½	723.00
3	Standard Underground Cable Co., 56 Liberty street, New York, N. Y.	.9897	890.73	.7291	2,588.31	.6861	445.97	.6489	584.06
4	Hazard Manufacturing Co., 50 Dey street, New York City ^a	1.106	995.40	.80½	2,857.75	.75½	492.38	.71½	645.75
5	The Okonite Co., Limited, 253 Broadway, New York, N. Y.	1.26	1,134.00	.92½	3,283.75	.91	591.50	.82½	740.25

No.	Name and address of bidder.	Duplex conductor.						Total bid.	Time of delivery.
		Per foot.	900 feet, 125,000 c. m.	Per foot.	2,100 feet, 105,592 c. m.	Per foot.	3,000 feet, 83,694 c. m.		
1	Safety Insulated Wire and Cable Co., 229 West Twenty-eighth street, New York, N. Y.	\$0.54	\$486.00	\$0.49	\$1,029.00	\$0.45	\$1,350.00	\$16,101.50	40 days.
2	India Rubber and Gutta Percha Insulating Co., Yonkers, N. Y.	.61	549.00	.56	1,176.00	.516	1,548.00	16,260.03	6 weeks.
3	Standard Underground Cable Co., 56 Liberty street, New York, N. Y.	.4877	438.93	.45	945.00	.4055	1,216.50	13,742.05	6 weeks.
4	Hazard Manufacturing Co., 50 Dey street, New York City ^a	.52½	473.40	.47½	992.25	.4175	1,252.50	15,239.93	60 days.
5	The Okonite Co., Limited, 253 Broadway, New York, N. Y.	.71	639.00	.59½	1,244.25	.54½	1,635.00	16,822.75	.....

^a Lowest bid.

14 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for steel beams, channels, angles, tees, etc., and latticed columns required for construction of 12-inch battery, Hudson No. 2, at Fort Wadsworth, N. Y., opened January 25, 1902, by Maj. W. L. Marshall, Corps of Engineers, New York City.

No.	Name and address of bidder.	Total bid. (Approximate weight, 209,000 pounds.	Time of delivery (days).
1	American Bridge Co., of New York, 7 West Twenty-second street, New York, N. Y.	\$4,955	90

Abstract of proposals for structural steel, etc., required for the construction of four range-finder towers at Fort Totten, Willets Point, N. Y., opened February 24, 1902, by Maj. W. L. Marshall, Corps of Engineers, New York City.

No.	Name and address of bidder.	Cost of 1 tower.	Cost of 4 towers.	Time of delivery (days).
1	Greenlie, Wyatt & Co., 499 Water street, New York, N. Y. ^a	\$633	\$2,652	100
2	Elliott Machine Co., Bush and Severn streets, Baltimore, Md.	690	2,760	120
3	Arthur J. Lockwood, 12 Platt street, New York, N. Y.	1,284	4,669	60

^a Lowest bid.

Abstract of proposals for cement and broken stone required at Fort Wadsworth, N. Y., and Fort Hancock, N. J., received in response to advertisement dated March 1, 1902, and opened March 31, 1902, by Maj. W. L. Marshall, Corps of Engineers, at New York City, N. Y.

No.	Name and address of bidder.	Fort Wadsworth, N. Y., 3,000 cubic yards broken stone (approximate).			Fort Hancock, N. J., 4,000 cubic yards broken stone (approximate).		
		Kind.	Per cubic yard.	Total bid.	Kind.	Per cubic yard.	Total bid.
1	Jacob E. Conklin, 135 Front street, New York City. ^a	Trap....	\$0.84	\$6,720.00	Trap....	\$0.89	\$3,560.00
2	Manhattan Trap Rock Co., 11 Broadway, New York City.	...do....	.95	7,600.00	...do....	1.00	4,000.00
3	J. D. Miller, 39 Cortlandt street, New York City.	...do....	.90	7,200.00	...do....	.90	3,600.00
4	Clinton Point Stone Co., 21 Park Row, New York City.	...do....	.90	7,200.00	...do....	.90	3,600.00

No.	Name and address of bidder.	Fort Wadsworth, N. Y., 10,000 barrels American Portland cement (approximate).				
		Brand.	Per barrel.	Per barrel in sacks.	Rebate per sack returned.	Total bid.
5	Hiram Snyder & Co., 229 Broadway, New York City. ^b	Alpha	\$1.45	\$1.63	\$0.10	\$14,500.00
6	Atlas Portland Cement Co., 30 Broad street, New York City.	....do....	1.48	1.62	.10	12,300.00
7	Commercial Wood and Cement Co., 156 Fifth avenue, New York City. ^c	Saylor's ..	1.44	1.47	.07	14,800.00
8	Vulcanite Portland Cement Co., 160 Fifth ave., New York City.	Vulcanite	1.55	1.45	.05	11,900.00
9	John E. Sparrow, 15 Whitehall street, New York City.	Nazareth .	1.46	1.25	.10	15,500.00
				1.63		12,500.00
				1.23		14,600.00
						12,300.00

Abstract of proposals for cement and broken stone required at Fort Wadsworth, N. Y., and Fort Hancock, N. J., etc.—Continued.

No.	Name and address of bidder.	Fort Hancock, N. J., 5,000 barrels American Portland cement (approximate).				
		Brand.	Per barrel.	Per barrel in sacks.	Rebate per sack returned.	Total bid.
5	Hiram Snyder & Co., 229 Broadway, New York City.	Lehigh ...	\$1.47	\$1.63	\$0.10	\$7,350.00
6	Atlas Portland Cement Co., 30 Broad street, New York City.	Atlas	1.51	1.65	.10	6,150.00
7	Commercial Wood and Cement Co., 156 Fifth avenue, New York City. ^c	Saylor's ..	1.48	1.54	.07	7,550.00
8	Vulcanite Portland Cement Co., 160 Fifth ave., New York City.	Vulcanite	1.58	1.48	.05	6,250.00
9	John E. Sparrow, 15 Whitehall street, New York City.	Nazareth .	1.49	1.28	.10	7,400.00
				1.28		6,300.00
						7,900.00
						6,400.00
						7,450.00
						6,400.00

^aLowest for broken stone.

^bLowest bid for cement at Fort Hancock, N. J.

^cLowest bid for cement at Fort Wadsworth, N. Y.

Abstract of bids received for furnishing steel doors, shutters, gratings, and cast-iron flue covers for Battery Hudson No. 2, Fort Wadsworth, N. Y., and cast-iron flue covers for Battery Halleck, Fort Hancock, N. J., opened June 2, 1902, by Maj. W. L. Marshall, Corps of Engineers, New York, N. Y.

No.	Name and address of bidder.	Total bid for cast-iron flue covers, Fort Hancock.	Total bid for steel doors, etc., Fort Wadsworth, N. Y.	Total bid.	Time of delivery (days).
1	Bethlehem Foundry and Machine Co., South Bethlehem, Pa.	\$144.00	\$2,621.00	\$2,765.00	60
2	Julius Jonson, 120 Liberty street, New York, N. Y. ^a	156.00	1,879.00	2,035.00	60
3	Greenlie, Wyatt & Co., 499 Water street, New York, N. Y.	132.00	2,344.00	2,476.00	120
4	Hyde Construction Co., 247 Van Brunt street, Brooklyn, N. Y.	226.80	2,068.06	2,294.06	60
5	Ellicott Machine Co., Bush and Severn streets, Baltimore, Md.	180.00	3,080.00	3,260.00	120

^aLowest bid.

GOVERNORS ISLAND, NEW YORK.

Abstract of proposals for dredging at Governors Island, N. Y., received in response to advertisement, dated August 29, 1901, and opened September 30, 1901, by Maj. W. L. Marshall, Corps of Engineers, at New York City.

No.	Name and address of bidder.	Cost of dredging.				Approximate amount that can be removed (cubic yards).
		Stone over 2 cubic yards (per cubic yard).	Smaller material (per cubic yard).	Material deposited at sea (per cubic yard additional).	Average cost (per cubic yard).	
1	Morris & Cummings, 17 State street, New York, N. Y.	\$3.50	\$0.90	\$0.15	\$1.33½	52,500
2	The International Contracting Co.	5.00	.62	.14	1.35	51,851+
3	The W. H. Beard Dredging Co., 13 William street, New York, N. Y.	2.00	.78	.12	.98½	71,186+
4	R. G. Packard Co., 130 Pearl street, New York, N. Y.	.78	.78	.....	.78	89,743+

16 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for building riprap bulkhead on east side of shoal south of Governors Island, N. Y., received in response to advertisement dated October 2, 1901, and opened November 2, 1901, by Maj. W. L. Marshall, Corps of Engineers, at New York City.

No.	Name and address of bidder.	Kind of stone.	Price per ton (2,240 pounds) stone.	Number of tons (2,240 pounds) that can be placed for \$50,000.	Time of completion (months).
1	Romano V. Perini, 1006 Delaware avenue, Wilmington, Del.	Snake Hill and Manhattan rock.	\$0.74	67,567	15
2	O'Brien Bros., 54 South street, New York City.	New York City .....	.47	106,382	6
3	Brown & Fleming, 129 Broad street, New York City. ^a	New York stone.....	.35	142,857	6
4	Eugene S. Belden, Hartford, Conn..	Gneiss trap rock or granite.	.69	72,463	12
5	John A. Bouker, 21 State street, New York City.	New York gneiss.....	.53	94,339	18

^aLowest bid.

Abstract of bids for building pile dock and dredging at Governors Island, New York, in response to advertisement dated August 29, 1901, and opened September 30, 1901, by Maj. W. L. Marshall, Corps of Engineers, at New York City.

No.	Name and address of bidder.	Bearing piles.					
		45 to 50 feet (each).	Total (262).	25 to 45 feet (each).	Total (394).	Each.	Total (54).
1	H. L. Spearin, 11 Broadway, New York City	\$10.89	\$2,853.18	\$10.32	\$4,066.08	\$12.65	\$683.10
2	Jas. D. Leary, 17 State street, New York City	12.00	3,144.00	11.00	4,334.00	15.60	810.00
3	Degnan-McLean Contracting Co., 13 Park row, New York City	11.20	2,934.40	10.35	4,077.90	12.20	658.80
4	Geo. W. Rogers, 44 Broadway, New York City	10.75	2,816.50	9.50	3,743.00	11.00	594.00
5	Wm. H. Jenks, 110-112 Pearl street, New York City	10.50	2,751.00	9.75	3,841.50	14.50	783.00
6	B. F. Jones, 1 Broadway, New York City.	11.75	3,078.50	10.50	4,137.00	13.00	702.00
7	John Monks & Son, 108 West street, New York City	9.55	2,502.10	9.55	3,762.70	9.55	515.70
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	12.75	3,340.50	11.50	4,531.00	12.75	688.50
9	Warren Rosevelt & John M. Sullivan, 16 Beaver street, New York City	11.00	2,882.00	9.75	3,841.50	12.00	648.00

No.	Name and address of bidder.	Fender piles.				Yellow pine.	
		50 feet (each).	Total (73).	56 feet (each).	Total (16).	Per 1,000 feet.	385,000 feet.
1	H. L. Spearin, 11 Broadway, New York City	\$17.60	\$1,284.00	\$19.05	\$304.30	\$43.16	\$16,616.60
2	Jas. D. Leary, 17 State street, New York City	19.00	1,387.00	21.00	336.00	38.00	14,630.00
3	Degnan-McLean Contracting Co., 13 Park row, New York City	15.50	1,131.50	18.00	288.00	36.80	14,168.00
4	Geo. W. Rogers, 44 Broadway, New York City	14.00	1,022.00	15.00	240.00	39.00	15,015.00
5	Wm. H. Jenks, 110-112 Pearl street, New York City	16.50	1,204.50	17.50	280.00	38.94	14,991.90
6	B. F. Jones, 1 Broadway, New York City.	16.00	1,168.00	17.50	280.00	37.00	14,245.00
7	John Monks & Son, 108 West street, New York City	15.28	1,115.44	15.28	244.48	44.56	17,155.60
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	17.50	1,277.50	17.50	280.00	38.50	14,822.50
9	Warren Rosevelt & John M. Sullivan, 16 Beaver street, New York City	13.00	949.00	14.00	224.00	37.00	14,245.00

Abstract of bids for building pile dock and dredging at Governors Island, New York, etc.—Continued.

No.	Name and address of bidder.	Screw bolts, etc.		Dock spikes.		Drift bolts.	
		Per pound.	31,000 pounds.	Per pound.	16,500 pounds.	Per pound.	420 pounds.
1	H. L. Spearin, 11 Broadway, New York City	\$0.0242	\$750.20	\$0.0242	\$399.30	\$0.0242	\$10.16
2	Jas. D. Leary, 17 State street, New York City	.03	930.00	.03	295.00	.03	12.60
3	Degnan-McLean Contracting Co., 13 Park row, New York City	.03½	1,085.00	.02½	350.63	.02	8.40
4	Geo. W. Rogers, 44 Broadway, New York City	.04	1,240.00	.03	495.00	.03	12.60
5	Wm. H. Jenks, 110-112 Pearl street, New York City	.03	930.00	.02½	453.75	.02½	10.50
6	B. F. Jones, 1 Broadway, New York City	.02½	775.00	.02½	412.50	.02½	10.50
7	John Monks & Son, 108 West street, New York City	.02¾	713.00	.023	379.50	.02¾	9.66
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	.04	1,240.00	.03	495.00	.03	12.60
9	Warren Roosevelt & John M. Sullivan, 16 Beaver street, New York City	.03½	1,007.50	.03½	536.25	.03½	13.65

^a Lowest bids.

No.	Name and address of bidder.	Wire nails.		40d nails.		Chain.		G. I. staples.	
		Per pound.	1,800 pounds.	Per pound.	800 pounds.	Per pound.	1,150 pounds.	Per pound.	150 pounds.
1	H. L. Spearin, 11 Broadway, New York City	\$0.0242	\$43.56	\$0.0242	\$19.36	\$0.0242	\$27.83	\$0.0242	\$3.63
2	Jas. D. Leary, 17 State street, New York City	.03	54.00	.03	24.00	.05	57.50	.08	12.00
3	Degnan-McLean Contracting Co., 13 Park row, New York City	.03	54.00	.02½	18.00	.04	46.00	.03	4.50
4	Geo. W. Rogers, 44 Broadway, New York City	.03	54.00	.03	24.00	.10	115.00	.12	18.00
5	Wm. H. Jenks, 110-112 Pearl street, New York City	.02½	49.50	.03	24.00	.08	92.00	.11	16.50
6	B. F. Jones, 1 Broadway, New York City	.03	54.00	.03	24.00	.10	115.00	.10	15.00
7	John Monks & Son, 108 West street, New York City	.02¾	41.40	.2¾	18.40	.02¾	26.45	.02¾	3.45
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	.04	72.00	.04	32.00	.10	115.00	.15	22.50
9	Warren Roosevelt & John M. Sullivan, 16 Beaver street, New York City	.03½	58.50	.03½	26.00	.06½	71.88	.06½	9.38

No.	Name and address of bidder.	Tar paper.		Dolphin piles.		Total, exclusive of crib work.	Crib work (per cubic foot).
		Per square foot.	6,650 square feet.	Each.	Number (24).		
1	H. L. Spearin, 11 Broadway, New York City	\$0.01	\$66.50	\$19.05	\$457.20	\$27,586.30	\$0.07
2	Jas. D. Leary, 17 State street, New York City	.05	332.50	27.10	648.00	27,206.60	.09
3	Degnan-McLean Contracting Co., 13 Park row, New York City	.05½	365.75	16.75	402.00	25,590.47	.07½
4	Geo. W. Rogers, 44 Broadway, New York City	.02	133.00	18.00	432.00	25,954.10	.06½
5	Wm. H. Jenks, 110-112 Pearl street, New York City	.01½	83.13	17.50	420.00	25,931.28	.08
6	B. F. Jones, 1 Broadway, New York City	.02	133.00	17.50	420.00	25,569.50	.07
7	John Monks & Son, 108 West street, New York City	.004	26.60	9.55	229.20	26,743.68	.10
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	.03½	232.75	17.50	420.00	27,581.85	.08½
9	Warren Roosevelt & John M. Sullivan, 16 Beaver street, New York City	.07	465.50	16.00	384.00	253,62.16	.05½

^a Lowest bids.

18 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of bids for building pile dock and dredging at Governors Island, New York, etc.—Continued.

No.	Name and address of bidder.	Dredging.				Approximate amount of material that can be removed with available funds \$70,000, (number of cubic yards).	Time of completion. (months).
		Stone over 2 cubic yards (per cubic yard).	Smaller material (per cubic yard).	Material deposited at sea (per cubic yard).	Average cost (per cubic yard).		
1	H. L. Spearin, 11 Broadway, New York City.	.....	.....	.....	.....	.....	3
2	Jas. D. Leary, 17 State street, New York City.	.....	.....	.....	.....	.....	3
3	Degnan-McLean Contracting Co., 13 Park row, New York City.	.....	.....	.....	.....	.....	3½
4	Geo. W. Rogers, 44 Broadway, New York City.	.....	.....	.....	.....	.....	4
5	Wm. H. Jenks, 110-112 Pearl street, New York City.	.....	.....	.....	.....	.....	3
6	B. F. Jones, 1 Broadway, New York City.	.....	.....	.....	.....	.....	3½
7	John Monks & Son, 108 West street, New York City.	.....	.....	.....	.....	.....	4
8	Geo. Humphries, 77-79 Clinton street, Brooklyn, N. Y.	.....	.....	.....	.....	.....	b 99
9	Warren Rosevelt & John M. Sullivan, 16 Beaver street, New York City.	.....	.....	.....	.....	.....	4
10	Morris & Cummings Dredging Co., 17 State street, New York City.	\$3.50	\$0.90	\$0.15	\$1.33½	\$52,500	6
11	International Contracting Co., 78 Broad street, New York City.	5.00	.62	.14	1.35	51,851+	6
12	The W. H. Beard Dredging Co., 13 William street, New York City.	2.00	.78	.12	.98½	71,186+	6
13	R. G. Packard Co., 130 Pearl street, New York City.	.78	.78	.....	.78	a 89,743+	6

a Lowest bids

b Working days.

WRECKS.

Abstract of bids received in response to above advertisement and opened April 21, 1902, for removing wrecks of barges Lichtenfels Bros., Ringleader, and P. J. Carleton.

Name and address of bidder.	Barge Lichtenfels Bros.	Barge Ringleader.	Barge P. J. Carleton.	Bid for the three barges.	Amount allowed for barges and cargo.
The Sound and Coast Wrecking Co., Bridgeport, Conn.	a \$3,945	.....	.....	.....	\$45
R. G. Packard Co., 130 Pearl street, New York, N. Y.	8,400	\$8,900	\$8,900	\$26,000	b 1
Merritt & Chapman Derrick and Wrecking Co., 27 William street, New York, N. Y.	7,500	a 9,000	a 6,500	23,000	b 28

Name and address of bidder.	Net bid for each barge.	Net bid for all the barges.	Remarks.
The Sound and Coast Wrecking Co., Bridgeport, Conn.	\$3,900	.....	Time, 8 weeks.
R. G. Packard Co., 130 Pearl street, New York, N. Y.	{ 8,399 8,899 8,899 }	\$25,997	{ Time of removal of 3 barges, 4½ months; 6 weeks for removing each vessel separately.
Merritt & Chapman Derrick and Wrecking Co., 27 William street, New York, N. Y.	{ 7,472 8,972 6,472 }	{ a \$14,669 for 2, or \$20,616 for 3.	{ Will remove 1 wreck in 30 working days, 2 wrecks in 50 working days, 3 wrecks in 70 working days. If awarded 2 wrecks, will make a reduction of 5 per cent on both; if 3 wrecks, 10 per cent on each.

a Lowest bid.

b For each.

PHILADELPHIA, PA., DISTRICT

[Officer: Capt. Spencer Cosby, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for the construction of stone buttresses and depositing riprap stone for protecting the timber bulkhead in the Delaware River near Reedy Island, opened August 26, 1901, by Lieut. Col. C. W. Raymond, Corps of Engineers.

[Approximate quantity of stone, 32,000 tons of 2,000 pounds.]

No.	Name and address of bidder.	Price.	Total.
1	Martin E. McDonough, Philadelphia, Pa	\$1. 49	\$47, 680
2	Hughes Bros. & Bangs, New York, N. Y	1. 40	44, 800

Contract (dated September 14, 1901) entered into with Hughes Bros. & Bangs.

Abstract of proposals for dredging in the Delaware River near Reedy Island and constructing retaining bank for dredged material, opened June 23, 1902, by Capt. Spencer Cosby, Corps of Engineers.

No.	Name and address of bidder.	For material excavated and removed from the channel (1,000,000 cubic yards).	Constructing retaining bank.		Total.
			Material furnished and placed (25,000 cubic yards).	Stone for riprapping (1,000 tons).	
		<i>Per cu. yd.</i>	<i>Per cu. yd.</i>	<i>Per ton.</i>	
1	Morris & Cummings Dredging Co., New York, N. Y	\$0. 15	\$0. 25	\$1. 00	\$157, 250. 00
2	River and Harbor Improvement Co., Philadelphia, Pa .....	. 12	. 50	2. 00	134, 500. 00
3	American Dredging Co., Philadelphia, Pa .....	. 084	. 40	2. 00	96, 000. 00
4	Maryland Dredging Co., Baltimore, Md .....	. 10	. 40	2. 50	112, 500. 00

Contract (dated June 26, 1902) entered into with the American Dredging Company.

WRECKS.

Abstract of proposals for removal of wreck of schooner Lavinia Campbell, lying in the channel of Delaware River, just above Fourteen-Foot Bank light-house, opened October 15, 1901, by Col. Jared A. Smith, Corps of Engineers.

No.	Name and address of bidder.	Price.
1	Napoleon B. Register, Lewes, Del.	\$3, 300. 20
2	John Ferguson, Tompkinsville, N. Y.	2, 550. 00
3	Truxton & Ross, Georgetown, Del.	2, 390. 00
4	Alvin R. Morrison, Wilmington, Del.	10, 000. 00
5	Enoch Townsend, Somers Point, N. J.	4, 745. 00
6	Gilbert M. Van Sant and Eugene Boehm, Atlantic City, N. J.	2, 810. 00
7	Wm. H. Virden, Lewes, Del.	1, 900. 00

Contract (dated October 28, 1901) entered into with William H. Virden.

Abstract of proposals for removal of wreck of canal boat H. C. Webster, lying in the channel of Delaware River, just above the mouth of Pennypack Creek, Pennsylvania, opened October 19, 1901, by Col. Jared A. Smith, Corps of Engineers.

No.	Name and address of bidder.	Price.
1	Gilbert M. Van Sant and Eugene Boehm, Atlantic City, N. J	\$472
2	Alvin R. Morrison, Wilmington, Del	450
3	Enoch Townsend, Somers Point, N. J	600
4	Truxton & Ross, Georgetown, Del	484
5	River and Harbor Improvement Company, Camden, N. J	390
6	Napoleon B. Register, Lewes, Del	565

Contract (dated October 29, 1901) entered into with the River and Harbor Improvement Company.

Abstract of proposals for removal of wreck of the schooner Lida Fowler, lying to the east of the main ship channel of Delaware Bay, above Fourteen-Foot Bank light-house, opened December 28, 1901, by Col. Jared A. Smith, Corps of Engineers.

No.	Name and address of bidder.	Price.
1	Wm. H. Virden, Lewes, Del	\$1,800
2	Charles W. Booze, Atlantic City, N. J	1,600
3	Van Sant & Boehm, Atlantic City, N. J	2,182
4	Enoch Townsend, Somers Point, N. J	1,900
5	Joseph D. Truxton, Georgetown, Del	1,600
6	Napoleon B. Register and Nicholas A. Outten, Lewes, Del	1,285

Contract (dated January 14, 1902) entered into with Napoleon B. Register and Nicholas A. Outten.

WILMINGTON, DEL., DISTRICT.

[Office: Col. Jared A. Smith, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for dredging and jetty construction upon route of inland waterway from Chincoteague Bay, Virginia, to Delaware Bay, Delaware, opened March 17, 1902, by Col. Jared A. Smith, Corps of Engineers.

No.	Name and address of bidder.	Approximate quantities.					Dredging sand or hard clay.	Dredging mud and soil.	Total amount of bid.
		Brush mattresses (1,389 square yards).	Small stone for core of jetties (1,142 tons).	Large stone for exterior of jetties (618 tons).	Board and room for inspectors and boatmen (per diem each).	Total.			
		<i>Per sq. yd.</i>	<i>Per ton.</i>	<i>Per ton.</i>			<i>Per cu. yd.</i>	<i>Per cu. yd.</i>	
1	Samuel H. Lea and Julian C. Smith, New York, N. Y....	\$1.55	\$3.15	\$3.30	\$0.75	\$7,790.40	\$0.35	\$0.33	\$22,500
2	River and Harbor Improvement Co., Philadelphia, Pa..	1.40	3.60	5.00	1.00	9,146.80	.50	.45	22,500
3	The Coast Jetty Co., New York, N. Y....	1.50	4.00	5.00	1.00	9,742.50	.50	.16½	22,500

Contract (dated April 7, 1902) entered into with Samuel H. Lea and Julian C. Smith. In progress.

WRECKS.

Abstract of proposals for removal of wreck of steamship Ranald, lying in the Atlantic Ocean off Atlantic City, N. J., opened August 12, 1901, by Lieut. Col. C. W. Raymond, Corps of Engineers.

No.	Name and address of bidder.	Price.
1	Van Sant & Boehm, Atlantic City, N. J.....	\$7,416
2	Wm. H. Virden, Lewes, Del.....	12,800
3	Enoch Townsend, Somers Point, N. J.....	8,479
4	Truxton & Ross, Georgetown, Del.....	18,200

All the above bids were rejected in view of the settling of the wreck and its probable gradual destruction by the seas.

Abstract of proposals for removal of the wreck of Lighter No. 33, lying in the channel of the Schuylkill River at Point Breeze, Philadelphia, Pa., opened August 12, 1901.

No.	Name and address of bidder.	Price.	Remarks.
1	Alvin R. Morrison, Wilmington, Del.....	\$500	Accepted.
2	Napoleon B. Register and Nicholas A. Outten, Lewes, Del.....	890	
3	Joseph D. Truxton, Georgetown, Del., and John C. Ross, Lewes, Del.....	429	Method of removal by explosives not approved by engineer officer in charge.

Abstract of proposals for removal of wreck of one compartment of hinged canal boat Sunflower, lying in the channel of Chester Creek, Pennsylvania, opened December 5, 1901.

No.	Name and address of bidder.	Price.
1	Gilbert M. VanSant and Eugene Boehm, Atlantic City, N. J.....	\$732
2	Truxton & Ross, Georgetown, Del.....	385
3	Alvin R. Morrison, Wilmington, Del.....	500
4	Napoleon B. Register, Lewes, Del.....	395
5	Charles P. Grim, Philadelphia, Pa.....	243

All bids rejected, it being considered advisable, owing to the proximity of the wreck to the wharf of the Chester Lumber and Coal Company, to have the work of removal performed without the use of explosives, and to readvertise for proposals on that basis.

Abstract of proposals for removal of wreck of one compartment of hinged canal boat Sunflower, lying in the channel of Chester Creek, Pennsylvania, opened December 17, 1901.

No.	Name and address of bidder.	Price.
1	Truxton & Ross, Georgetown, Del.....	\$1,200
2	Alvin R. Morrison, Wilmington, Del.....	500
3	Napoleon B. Register and Nathen J. Fisher, Lewes, Del.....	1,090
4	John J. Williams, Chester, Pa.....	a 425

a Accepted.

22 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for removal of wreck of schooner Melvina, lying in Mahon River, Delaware, opened April 24, 1902.

No.	Name and address of bidder.	Price.
1	John J. Williams, Chester, Pa.....	\$375
2	G. M. VanSant and Eugene Boehm, Altantic City, N. J.....	670
3	Johnston & Virden, Lewes, Del.....	290
4	Howard McGonigal, Little Creek, Del.....	a 240
5	Napoleon B. Register, Lewes, Del.....	442
6	Atlas Dredging Co., Wilmington, Del.....	470

^aAccepted.

Abstract of proposals received and opened April 19, 1902, for removal of wreck of canal boat Peter A. Rogers, lying in Schuylkill River, Pennsylvania.

No.	Name and address of bidder.	Price.
1	River and Harbor Improvement Co., Philadelphia, Pa.....	a \$945
2	American Dredging Co., Philadelphia, Pa.....	1,200

^aAccepted.

Abstract of proposals for removal of the wreck of canal boat Ida May, lying in Rancocas River, New Jersey, opened June 30, 1902.

No.	Name and address of bidder.	Price.
1	Van Sant & Boehm, Atlantic City, N. J.....	\$592.00
2	Howard McGonigal, Little Creek, Del.....	500.00
3	Napoleon B. Register, Lewes, Del.....	446.25
4	Louis H. Darling, Philadelphia, Pa.....	289.00

Proposals under consideration at close of fiscal year.

WASHINGTON, D. C., DISTRICT.

[Office Lieut. Col. Chas. J. Allen, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for furnishing and installing an electric light plant at Fort Washington, Md., (gun and mortar batteries, mortar battery), received in response to advertisement dated June 27, 1901, and opened at U. S. Engineer Office, 2001 I street NW., Washington, D. C., at 12 M., July 27, 1901, by Lieut. Col. Chas. J. Allen, Corps of Engineers.

No.	Name and address of bidder.	Amount.	Complete.
1	W. M. Sheehan, New York, N. Y.....	a \$4,213	45 days after "acceptance" of contract.
2	McCay Engineering Co., Baltimore, Md.....	5,333	Not stated.
3	National Electrical Supply Co., Washington, D. C.....	b 5,369	60 days after notification of award.
4	New Jersey Foundry and Machine Co., New York, N. Y.....	c 5,487	3½ months after notification of award.
5	Stuyvesant Electric Co., New York, N. Y.....	6,075	Not stated.
6	Jas. Reilly Repair and Supply Co., New York, N. Y.....	6,925	Do.
7	Edward Heaton, New York, N. Y.....	8,795	6 months or earlier.

a \$505 extra for chloride accumulator battery; \$110 less for paper insulated wire.

b \$185 extra for "chloride battery."

c \$65 extra for carpenter rheostat.

Abstract of proposals for furnishing and installing electric light and power plant at Fort Hunt, Va. (Battery Mount Vernon), received in response to advertisement dated July 10, 1901, and opened at U. S. Engineer Office, at 12 m., August 9, 1901, by Lieut. Col. Chas. J. Allen, Corps of Engineers.

No.	Name and address of bidder.	Steam boiler, engine, etc.	Wiring and lamps, complete, etc.	Storage battery and stand, complete.	Special testing apparatus.	Aerial line.	Total.	Complete.
1	W. M. Sheehan, New York, N. Y.	\$3,950.00	\$950.00	\$1,400.00	\$90.00	\$2,470.00	^a \$8,860.00	90 days from date of commencement.
2	McCay Engineering Co., Baltimore, Md.	3,715.00	1,250.00	1,350.00	125.00	2,550.00	8,990.00	60 days from date of commencement.
3	Smith-Courtney Co., Richmond, Va.	4,656.42	1,021.73	1,546.29	76.75	2,196.08	9,497.27	Do.
4	National Electrical Supply Co., Washington, D. C.	5,975.00	1,392.00	1,691.00	74.00	2,800.00	^b 11,932.00	65 days from date of commencement.
5	Edward Heaton, New York, N. Y.	4,946.00	1,126.00	1,784.00	80.00	4,416.00	^c 12,352.00	180 days from date of commencement.
6	The Geo. A. Williams Co., Jersey City, N. J.	6,468.00	3,363.00	1,446.00	60.00	3,402.00	14,739.00	120 days from date of commencement.
7	Jas. C. McGuire, New York, N. Y.	4,500.00	4,200.00	1,600.00	80.00	5,100.00	15,480.00	98 days from date of commencement.
8	Sipe & Sigler, Cleveland, Ohio.	.....	.....	1,100.00	.....	.....	.....

^a \$250 less for the "Willard" battery instead of the Electric Storage Battery Company's battery; \$115 extra for Delaney boiler, Westinghouse generator, and New York safety engine.

^b \$141 extra for chloride battery.

^c \$100 extra if shop test is required.

Abstract of proposals for furnishing and installing electric-light plant at Fort Washington, Md. (gun and mortar batteries, two 6-inch gun emplacements), received in response to advertisement dated August 20, 1901, and opened at U. S. Engineer Office at 12 m., September 19, 1901, by Lieut. Col. Chas. J. Allen, Corps of Engineers.

No.	Name and address of bidder.	Amount.	Complete.
1	W. M. Sheehan, New York, N. Y.....	\$2,895.00	^{Days.} 75
2	National Electrical Supply Co., Washington, D. C.....	3,312.20	60
3	Edward Heaton, New York, N. Y.....	3,403.00	70
4	J. F. Buchanan & Co., Philadelphia, Pa.....	3,475.00	45
5	McCay Engineering Co., Baltimore, Md.....	{ ^a 3,598.00	} 45
6	New Jersey Foundry and Machine Co., New York, N. Y.....	3,915.00	
7	Samuel B. Libby, New York, N. Y.....	4,980.00	^b 12

^a Alternative bid.

^b Weeks.

NORFOLK, VA., DISTRICT.

[Officer: Maj. James B. Quinn, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals received in response to advertisement of June 22, 1901, and under specifications of the same date, and opened by Maj. James B. Quinn, Corps of Engineers, at 12 m., July 24, 1901, at Engineer Office, U. S. Army, 166 Granby street, Norfolk, Va., for furnishing and delivering Portland cement, broken stone, steel I-beams, connection plates, bolts, and nuts, and connection plates, bolts, nuts, and washers for beam flanges at Fort Monroe, Va.

CLASS A.—PORTLAND CEMENT.

No.	Name and address of bidder.	Brand.	Price bid per barrel.	Approximate quantity.	Total.
1	Virginia Portland Cement Co., Philadelphia, Pa. ^a	Old Dominion	\$1.40	Barrels. 3,775	\$5,285.00
5	Warner Moore & Co., Richmond, Va. ^b	Lehigh	1.445	3,775	5,454.88
7	Builders Supply Co., Norfolk, Va. ^c	Atlas	1.50	3,775	5,662.50
9	B. Wallis & Co., Baltimore, Md. ^d	Dragon	1.55	3,775	5,851.25

CLASS B.—BROKEN STONE.

No.	Name and address of bidder.	2-inch.			1-inch.		
		Price bid per cubic yard.	Approximate quantity.	Total.	Price bid per cubic yard.	Approximate quantity.	Total.
			<i>Cu. yds.</i>			<i>Cu. yds.</i>	
2	McClenahan Granite Co., Port Deposit, Md.	\$1.58	1,600	\$2,528	\$1.58	1,060	\$1,674.80
	Chas. G. Smith & Son, Washington, D. C.	1.68	1,600	2,688	1.68	1,060	1,780.80
6	Manhattan Trap Rock Co., New York, N. Y. ^a .	2.00	1,600	3,200	2.00	1,060	2,120.00
8	Hudson River Stone Supply Co., New York, N. Y. ^a	1.60	1,600	2,560	1.60	1,060	1,696.00
9	B. Wallis & Co., Baltimore, Md. ^d	2.00	1,600	3,200	2.15	1,060	2,279.00

CLASS C.—STEEL I-BEAMS AND CONNECTIONS.

Steel I-beams.					Connection plates, bolts, and nuts.			Connection plates, bolts, nuts, and washers for beam flanges.		
No.	Name and address of bidder.	Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
3	Belmont Iron Works, Philadelphia, Pa. ^a	\$0.0273	<i>Pounds.</i> 271,140	\$7,402.12	\$0.0345	<i>Pounds.</i> 11,568	\$399.10	\$0.05	<i>Pounds.</i> 225	\$11.25
9	B. Wallis & Co., Baltimore, Md. ^d ..	.027	271,140	7,320.78	.04	11,568	462.72	.04	225	9.00

^a Evidence of authority of officer signing proposal not furnished.

^b Certificate as to responsibility of guarantor's blank; signature informal.

^c Notary's seal omitted from affidavits made by guarantors; evidence of authority of officer signing proposal not furnished.

^d Signature to proposal informal.

Abstract of proposals received in response to an advertisement dated August 5, 1901, and under specifications of the same date, and opened at 12 m., September 6, 1901, by Maj. James B. Quinn, Corps of Engineers, at Engineer Office, U. S. Army, 166 Granby street, Norfolk, Va., for constructing sea wall at Fort Monroe, Va.

No.	Name and address of bidder.	Sheet piling.			Quarry spall.			Stone weighing from 20 to 50 pounds for intermediate layer of sea wall.		
		Price bid per lineal foot.	Approximate quantity.	Total.	Price bid per ton.	Approximate quantity. ^a	Total.	Price bid per ton.	Approximate quantity. ^a	Total.
			<i>Lin. ft.</i>							
1	The Degnon-McLean Contracting Co., New York, N. Y. ^b	\$16.92	960	\$16,243.20	\$2.95	300	\$885	\$2.95	1,600	\$4,720
2	W. R. Taylor, Norfolk, Va. ^c	15.84	960	15,206.40	3.72	300	1,116	3.72	1,600	5,952
3	Sanford & Brooks Co., Baltimore, Md. ^b	12.60	960	12,096.00	3.40	300	1,020	3.40	1,600	5,440
4	Johnston & Virden, Lewes, Del. ^d	12.00	960	11,520.00	2.90	300	870	3.00	1,600	4,800

No.	Name and address of bidder.	Stone weighing from 1,000 to 3,000 pounds.			Sand filling in rear of sheet-piling.			Stone weighing from 20 to 50 pounds, for top surface of sand filling.		
		Price bid per ton.	Approximate quantity. ^a	Total.	Price bid per ton.	Approximate quantity. ^a	Total.	Price bid per ton.	Approximate quantity. ^a	Total.
1	The Degnon-McLean Contracting Co., New York, N. Y. ^b									
2	W. R. Taylor, Norfolk, Va. ^c	\$2.95	4,000	\$11,800	\$0.375	46,000	\$17,250	\$2.95	2,000	\$5,900
3	Sanford & Brooks Co., Baltimore, Md. ^b	3.72	4,000	14,880	.20	46,000	9,200	3.72	2,000	7,440
4	Johnston & Virden, Lewes, Del. ^d	3.40	4,000	13,600	.395	46,000	18,170	3.40	2,000	6,800
		3.00	4,000	12,000	.34	46,000	15,640	3.00	2,000	6,000

^a Tons of 2,240 pounds.

^b Evidence of authority of signing officer not filed.

^c Certificate as to guarantors omitted.

^d Lowest bid; recommended for acceptance.

Abstract of proposals for constructing wharf at Fort Wool, Va., received in response to advertisement of September 30, 1901, and under specifications of the same date, and opened by Maj. James B. Quinn, Corps of Engineers, at 12 o'clock, noon, on November 4, 1901, at U. S. Engineer Office, 166 Granby street, Norfolk, Va.

No.	Name and address of bidder.	Price bid.	Remarks.
1	West Richardson, Newport News, Va.	\$11,298.00	
2	The Degnon-McLean Contracting Co., New York, N. Y.	9,554.70	Corporate seal of bidder omitted, and evidence of authority of officer signing proposal not filed.
3	Richard Parrott, Newburg, N. Y.	7,450.00	Erasure in proposal not explained.
4	William H. Virden, Lewes, Del.	9,500.00	Only one copy of proposal received. Date of proposal omitted in guaranty.
5	Alsop & Peirce, Newport News, Va.	7,467.41	Firm name not given.
6	W. D. Murray & Co., Norfolk, Va.	8,950.00	Certificate as to guarantors not filled in.
7	C. H. Bull & Co., Norfolk, Va.	9,000.00	Signature to proposal informal.
8	Frank Pidgeon, New York, N. Y.	9,479.00	Date of proposal in guaranty incorrect. Erasure in proposal not explained.

Abstract of proposals for furnishing and delivering steel and iron work for six range towers to be constructed at Fort Monroe, Va., received in response to advertisement of January 21, 1902, and under specifications of the same date, and opened at 12 o'clock, noon, February 27, 1902, by Maj. James B. Quinn, Corps of Engineers, at U. S. Engineer Office, room 2, custom-house, Norfolk, Va.

No.	Name and address of bidder.	Price bid.	Remarks.
1	New Jersey Foundry and Machine Co., New York, N. Y.	\$23,750	Agent's authority to sign proposal not filed.
2	Bethlehem Foundry and Machine Co., New York, N. Y.	22,450	
3	Whitehead & Kales, Detroit, Mich.	14,866	Names of members of firm omitted in proposal. Date of bid omitted in guaranty.
4	Greenlie, Wyatt & Co., New York, N. Y. ..	18,673	
5	Ellieott Machine Co., Baltimore, Md.	14,847	
6	Atlanta Machine Works, Atlanta, Ga.	22,795	

Abstract of proposals for furnishing and delivering Portland cement, broken stone, sand, yellow pine lumber, railroad ties, steel bolts, 1 and channel beams, and iron castings at Fort Wool, Va., received in response to advertisement of January 27, 1902, and under specifications of the same date, and opened by Maj. James B. Quinn, Corps of Engineers, at 12 o'clock, noon, March 5, 1902, at U. S. Engineer Office, room 2, custom-house, Norfolk, Va.

CLASS A.—PORTLAND CEMENT.

No.	Name and address of bidder.	Brand.	Price bid per bar- rel.	Approx- imate quantity.	Total.
				<i>Barrels.</i>	
1	The Atlas Portland Cement Co., New York, N. Y. <i>a</i> .	Atlas	\$1.51	2,300	\$3,473.00
3	B. Wallis & Co., Baltimore, Md.	Dragon	1.56	2,300	3,588.00
8	The General Supply Co., Norfolk, Va. <i>d</i>	Old Dominion	1.695	2,300	3,898.50
9	Frank Pidgeon, Norfolk, Va.	Atlas	2.63	2,300	6,049.00

CLASS B.—BROKEN STONE.

No.	Name and address of bidder.	2-inch.			1-inch.			Granolithic.		
		Price bid per cubic yard.	Ap- prox- imate quan- tity.	Total.	Price bid per cubic yard.	Ap- prox- imate quan- tity.	Total.	Price bid per cubic yard.	Ap- prox- imate quan- tity.	Total.
			<i>Cu. yds.</i>			<i>Cu. yds.</i>			<i>Cu. yds.</i>	
2	Charles G. Smith & Son, Washington, D. C.	\$1.65	1,200	\$1,980	\$1.65	900	\$1,485	\$1.65	20	\$33
3	B. Wallis & Co., Baltimore, Md.	2.00	1,200	2,400	2.15	900	1,935	3.00	20	60
4	McClenahan Granite Co., Port Deposit, Md. <i>b</i>	1.54	1,200	1,848	1.54	900	1,386	2.00	20	40
7	Clinton Point Stone Co., New York, N. Y.	1.50	1,200	1,800	1.50	900	1,350	1.50	20	30
9	Frank Pidgeon, Norfolk, Va.	2.25	1,200	2,700	2.35	900	2,115	2.85	20	57

CLASS C.—SAND.

No.	Name and address of bidder.	Price bid per cubic yard.	Ap- prox- imate quan- tity.	Total.
8	Frank Pidgeon, Norfolk, Va.	\$0.695	<i>Cu. yds.</i> 1,250	\$868.75
9	Duke & Smith, Norfolk, Va. ....	.75	1,250	937.50

Abstract of proposals for furnishing and delivering Portland cement, etc.—Continued.

CLASS D.—YELLOW PINE LUMBER AND YELLOW PINE TIES.

No.	Name and address of bidder.	Yellow pine lumber.			Yellow pine ties.		
		Price bid for lot.	Approximate quantity.	Total.	Price bid each.	Approximate quantity.	Total.
10	Duke & Smith, Norfolk, Va	\$593. 80	<i>Ft. B. M.</i> 37, 300	\$593. 80	\$0. 60	<i>Number.</i> 250	\$150

CLASS E.—STEEL HOLD-DOWN BOLTS, STEEL I AND CHANNEL BEAMS, CAST-IRON FRAMES, GRATING COVERS, AND ANCHOR PLATES.

No.	Name and address of bidder.	Steel hold-down bolts.			Steel I beams.		
		Price bid per bolt.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
3	B. Wallis & Co., Baltimore, Md	\$1. 25	<i>Number.</i> 40	\$50. 00	<i>Cents.</i> 3½	<i>Pounds.</i> 7, 302	\$237. 32
5	New Jersey Foundry and Machine Co., New York, N. Y.	1. 52	40	60. 80	3. 67	7, 302	267. 98
6	Houston & Co., New York, N. Y. c.....	2. 40	40	96. 00	3½	7, 302	228. 19
9	Frank Pidgeon, Norfolk, Va	3. 25	40	130. 00	3½	7, 302	273. 83

No.	Name and address of bidder.	Steel channel beams.			Cast-iron basin frames with grating covers.			Cast-iron anchor plates.		
		Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
3	B. Wallis & Co., Baltimore, Md	\$0. 03½	<i>Pounds.</i> 919	\$29. 87	\$0. 14	<i>Pounds.</i> 360	\$50. 40	\$0. 06	<i>Pounds.</i> 1, 446	\$86. 76
5	New Jersey Foundry and Machine Co., New York, N. Y. ....	. 0367	919	33. 73	. 0316	360	11. 38	. 0312	1, 446	45. 12
6	Houston & Co., New York, N. Y. c.....	. 03½	919	28. 72	. 08½	360	31. 05	. 04	1, 446	57. 84
9	Frank Pidgeon, Norfolk, Va .....	. 03½	919	34. 46	. 05	360	18. 00	. 05	1, 446	72. 30

^a Evidence of authority of officer signing proposal not filed.

^b Date of proposal not given in guaranty.

^c Bid informal; signature to proposal informal.

^d Authority of officer to sign proposal not filed; certificate as to guarantors by postmaster.

Abstract of proposals for furnishing and delivering Portland cement, broken stone, yellow-pine lumber, steel bolts, I and channel beams, iron doors and bolts, iron castings, soil and wrought-iron pipe and fittings, hollow brick and partition tile at Fort Monroe, Va., received in response to an advertisement dated February 20, 1902, and under specifications of the same date, and opened at 12 m. March 24, 1902, by Maj. James B. Quimm, Corps of Engineers, at engineer office, U. S. Army, room 2, custom-house, Norfolk, Va.

CLASS A.—PORTLAND CEMENT.

No.	Name and address of bidder.	Brand.	Price bid per barrel.	Approximate quantity.	Total.
1	Virginia Portland Cement Co., New York, N. Y. .	Old Dominion....	\$1. 42	<i>Barrels.</i> 2, 550	\$3, 621. 00
4	B. Wallis & Co., Baltimore, Md	Dragon.....	1. 65	2, 550	4, 207. 50
11	The General Supply Co., Norfolk, Va	Old Dominion....	1. 575	2, 550	4, 016. 25

Abstract of proposals for furnishing and delivering Portland cement, etc.—Continued.

CLASS B.—BROKEN STONE.

No.	Name and address of bidder.	2-inch.			1-inch.			Granolithic.		
		Price bid per cubic yard.	Approximate quantity.	Total.	Price bid per cubic yard.	Approximate quantity.	Total.	Price bid per cubic yard.	Approximate quantity.	Total.
			<i>Cu. yds.</i>			<i>Cu. yds.</i>			<i>Cu. yds.</i>	
4	B. Wallis & Co., Baltimore, Md.....	\$1.75	1,300	\$2,275	\$1.85	950	\$1,757.50	\$1.90	50	\$95
6	Charles G. Smith & Son, Washington, D. C.....	1.63	1,300	2,119	1.63	950	1,548.50	1.63	50	81
7	McClenahan Granite Co., Port Deposit, Md.....	1.74	1,300	2,262	1.74	950	1,653.00	1.74	50	87
10	Clinton Point Stone Co., New York, N. Y.....	1.50	1,300	1,950	1.50	950	1,435.00	1.50	50	75

CLASS C.—YELLOW-PINE LUMBER.

No.	Name and address of bidder.	Price bid for lot.	Approximate quantity.	Total.
			<i>Feet B.M.</i>	
3	Jac. Heffelfinger, Hampton, Va.....	\$600.00	38,118	\$600.00
9	William D. Gill & Son, Baltimore, Md.....	792.42	38,118	792.42
12	C. H. Bull & Co., Norfolk, Va.....	749.00	38,118	749.00
13	F. W. McCullough, Norfolk, Va.....	620.21	38,118	620.21

CLASS D.—STEEL HOLD-DOWN BOLTS, I AND CHANNEL BEAMS, ETC.

No.	Name and address of bidder.	Steel hold-down bolts.			Steel I and channel beams.			Connection angles, with necessary bolts.		
		Price bid per bolt.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
			<i>No.</i>			<i>Lbs.</i>			<i>Lbs.</i>	
2	Ellicott Machine Co., Baltimore, Md.....	\$4.50	32	\$144.00	\$0.04½	36,425	\$1,639.13	\$0.06	1,105	\$66.30
4	B. Wallis & Co., Baltimore, Md.....	3.00	32	96.00	.03½	36,425	1,320.41	.05	1,105	55.25
5	Houston & Co., New York, N. Y.....	2.92	32	93.44	.....	36,425	.....	.....	1,105	.....
8	New Jersey Foundry and Machine Co., New York, N. Y.....	3.25	32	104.00	.04	36,425	1,457.00	.06	1,105	66.30

No.	Name and address of bidder.	Steel plates for table of hoist.			Steel plates and angles for powder recess.		
		Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
			<i>Pounds.</i>			<i>Pounds.</i>	
2	Ellicott Machine Company, Baltimore, Md.....	\$0.06	60	\$3.60	\$0.05	2,510	\$125.50
4	B. Wallis & Co., Baltimore, Md.....	.065	60	3.90	.05	2,510	125.50
5	Houston & Co., New York, N. Y.....	.0593	60	3.56	.0541	2,510	135.79
8	New Jersey Foundry and Machine Company, New York, N. Y.....	.03	60	1.80	.06	2,510	150.60

Abstract of proposals for furnishing and delivering Portland cement, etc.—Continued.

CLASS E.—WROUGHT-IRON DOORS, ANCHOR BOLTS, EXPANSION BOLTS, CAST-IRON FRAMES, GRATING COVERS, COLUMNS, AND ANCHOR PLATES.

No.	Name and address of bidder.	Wrought-iron doors marked "B" on sheet 1 of plans.			Wrought-iron doors marked "G" on sheet 1 of plans.		
		Price bid per set.	Ap-proxi-mate quan-tity.	Total.	Price bid per door.	Ap-proxi-mate quan-tity.	Total.
			<i>Sets.</i>			<i>No.</i>	
2	Ellicott Machine Co., Baltimore, Md	\$40.00	2	\$80.00	\$15.00	2	\$30.00
4	B. Wallis & Co., Baltimore, Md	57.00	2	114.00	11.00	2	22.00
5	Houston & Co., New York, N. Y.	43.75	2	87.50	8.25	2	16.50
8	New Jersey Foundry and Machine Co., New York, N. Y	25.00	2	50.00	6.00	2	12.00

No.	Name and address of bidder.	Wrought-iron anchor bolts marked "E" on sheet 1 of plans.			Wrought-iron anchor bolts marked "H" and "K" on sheet 1 of plans.		
		Price bid per pound.	Ap-proxi-mate quan-tity.	Total.	Price bid per pound.	Ap-proxi-mate quan-tity.	Total.
			<i>Pounds.</i>			<i>Pounds.</i>	
2	Ellicott Machine Co., Baltimore, Md.....	\$0.06	22	\$1.32	\$0.06	46	\$2.76
4	B. Wallis & Co., Baltimore, Md.....	.065	22	1.43	.065	46	2.99
5	Houston & Co., New York, N. Y .....	.09	22	1.98	.09	46	4.14
8	New Jersey Foundry and Machine Co., New York, N. Y .....	.06	22	1.32	.06	46	2.76

No.	Name and address of bidder.	Bolts and nuts required under paragraph 50 of the specifications.			Expansion bolts, with shields.		
		Price bid per pound.	Ap-proxi-mate quan-tity.	Total.	Price bid per pound.	Ap-proxi-mate quan-tity.	Total.
			<i>Pounds.</i>			<i>Pounds.</i>	
2	Ellicott Machine Co., Baltimore, Md.....	\$0.06	56	\$3.36	\$0.20	60	\$12.00
4	B. Wallis & Co., Baltimore, Md.....	.065	56	3.64	.55	60	33.00
5	Houston & Co., New York, N. Y .....	.0875	56	4.90	.17	60	10.20
8	New Jersey Foundry and Machine Co., New York, N. Y .....	.10	56	5.60	.10	60	6.00

No.	Name and address of bidder.	Cast-iron basin frames and grating covers required under paragraph 53 of the specifications.			Cast-iron frames marked "A" on sheet 1 of plans.		
		Price bid per pound.	Ap-proxi-mate quan-tity.	Total.	Price bid per pound.	Ap-proxi-mate quan-tity.	Total.
			<i>Pounds.</i>			<i>Pounds.</i>	
2	Ellicott Machine Co., Baltimore, Md.....	\$0.10	340	\$34.00	\$0.06	238	\$14.28
4	B. Wallis & Co., Baltimore, Md .....	.12	340	40.80	.08	238	19.04
5	Houston & Co., New York, N. Y .....	.075	340	25.50	.0545	238	12.97
8	New Jersey Foundry and Machine Co., New York, N. Y .....	.035	340	11.90	.06	238	14.28

30 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for furnishing and delivering Portland cement, etc.—Continued.

No.	Name and address of bidder.	Cast-iron frames marked "F" on sheet 1 of plans.			Cast-iron columns marked "I" on sheet 1 of plans.			Cast-iron anchor plates on sheet 3 of plans.		
		Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.	Price bid per pound.	Approximate quantity.	Total.
			<i>Pounds.</i>			<i>Pounds.</i>			<i>Pounds.</i>	
2	Ellicott Machine Co., Baltimore, Md.....	\$0.06	75	\$4.50	\$0.06	447	\$26.82	\$0.03	2,330	\$69.90
4	B. Wallis & Co., Baltimore, Md.....	.08	75	6.00	.045	447	20.12	.04	2,330	93.20
5	Houston & Co., New York, N. Y.....	.0545	75	4.09	.0525	447	23.47	.03½	2,330	72.81
8	New Jersey Foundry and Machine Co., New York, N. Y.....	.06	75	4.50	.05	447	22.35	.05	2,330	116.50

CLASS F.—CAST-IRON SOIL AND GALVANIZED WROUGHT-IRON PIPE AND FITTINGS.

No.	Name and address of bidder.	Price bid for lot of cast-iron soil pipe and fittings required under paragraph 58 of specifications.	Price bid for lot of wrought-iron pipe and malleable galvanized fittings required under paragraph 59 of the specifications.
4	B. Wallis & Co., Baltimore, Md.....	\$40.00	\$100.00
5	Houston & Co., New York, N. Y.....	108.00	81.00
8	New Jersey Foundry and Machine Co., New York, N. Y.....	28.45	200.00

CLASS G.—HOLLOW BRICK AND PARTITION TILE.

No bids were received.

Abstract of proposals for furnishing and delivering pine piles, creosoted pine piles, yellow pine lumber and creosoted yellow pine lumber at Fort Monroe, Va., received in response to advertisement dated March 10, 1902, and under specifications of the same date, and opened by Maj. James B. Quinn, Corps of Engineers, at 12 o'clock, noon, April 17, 1902, at Engineer Office, U. S. Army, Room 2, Custom-house, Norfolk, Va.

CLASS A.—PINE PILES.

No.	Name and address of bidder.	Price bid per pile.	Approximate quantity.	Total.
			<i>Num-ber.</i>	
1	The Atlantic Creosoting and Wood Preserving Works, Norfolk, Va. ^a		100	.....
2	Jac. Heffelfinger, Hampton, Va.....		100	.....
3	Eppinger & Russell Co., New York, N. Y. ^a		100	.....
4	Norfolk Creosoting Co., Norfolk, Va.....	\$1.26	100	\$126
5	C. H. Bull & Co., Norfolk, Va. ^b	1.60	100	160

^aEvidence of authority of officer signing proposal not filed.

^bSignature informal; certificate as to guarantors made by postmaster; one copy of proposal not signed.

Abstract of proposals for furnishing and delivering pine piles, etc.—Continued.

CLASS B.—CREOSOTED PILES.

No.	Name and address of bidder.	Price bid per pile.	Approximate quantity.	Total.
			<i>Number.</i>	
1	The Atlantic Creosoting and Wood Preserving Works, Norfolk, Va. ^a	\$4.00	100	\$400
2	Eppinger & Russell Co., New York, N. Y. ^a	5.00	100	500
3	Norfolk Creosoting Co., Norfolk, Va.....	3.50	100	350

^a Evidence of authority of officer signing proposal not filed.

CLASS C.—YELLOW PINE LUMBER.

[For entire lot of No. 1 merchantable yellow pine lumber required under paragraph 39 of the specifications.]

No.	Name and address of bidder.	Price bid.
1	Jac. Heffelfinger, Hampton, Va.....	\$800.00
2	Norfolk Creosoting Co., Norfolk, Va.....	800.00
3	C. H. Bull & Co., Norfolk, Va. ^a	628.83

^a Signature informal; certificate as to guarantors made by postmaster; one copy of proposal not signed.

CLASS D.—CREOSOTED LUMBER.

[For entire lot of creosoted No. 1 merchantable yellow pine lumber required under paragraph 40 of the specifications.]

No.	Name and address of bidder.	Price bid.
1	The Atlantic Creosoting and Wood Preserving Works, Norfolk, Va. ^a	\$4,300
2	Eppinger & Russell Co., New York, N. Y. ^a	5,136
3	Norfolk Creosoting Co., Norfolk, Va.....	4,000

^a Evidence of authority of officer signing proposal not filed.

RIVERS AND HARBORS.

Abstract of proposals for furnishing and installing one (1) ammunition hoist at Fort Monroe, Va., received in response to an advertisement dated June 16, 1902, and under specifications of the same date, and opened at 12 m., June 26, 1902, by Maj. James B. Quinn, Corps of Engineers, at Engineer Office, U. S. Army, Room 2, Custom-house, Norfolk, Va.

No.	Name and address of bidder.	Price bid.
1	New Jersey Foundry and Machine Co., New York City, N. Y.....	\$1,750
2	Ellicott Machine Company, Baltimore, Md.....	1,587

Abstract of proposals received in response to public notice dated June 5, 1902, and opened at 12 m., June 16, 1902, by Maj. James B. Quinn, Corps of Engineers, at Engineer Office, U. S. Army, Room 2, Custom-house, Norfolk, Va., for improving waterway from Norfolk, Va., to the sounds of North Carolina.—Dredging Deep Creek, Virginia.

No.	Name and address of bidder.	Price bid per cubic yard of material measured in place.	Approximate quantity.	Total.
1	Sanford & Brooks Co., Norfolk, Va. ^a	\$0.19	<i>Cu. yds.</i> 45,000	\$8,550

^a Evidence of authority of officer signing proposal not filed with proposal.

WILMINGTON, N. C., DISTRICT.

[Officer: Capt. E. W. Van C. Lucas, Corps of Engineers.]

FORTIFICATIONS.

[Appropriation for supplies for seacoast defenses (Act March 1, 1901). The available balance of this appropriation (or allotment) is \$3,000.]

Abstract of proposals for "Rewiring Batteries Caswell and Swift, Fort Caswell, N. C.," received in response to the annexed advertisement and publicly opened at this office at 12 m. March 29, 1902, by Capt. E. W. Van C. Lucas, Corps of Engineers.

No.	Name and address of bidder.	Amount.
1	Electric Supply and Construction Co., Wilmington, N. C.	\$4,825
2	United Marine Manufacturing and Supply Co., New York, N. Y.	a2,970
3	Neely Electric Co., Washington, D. C.	b2,720

^aAdd \$100 for composition bolts.^bAdd \$76 for composition bolts.

Recommended that award be made to bidder No. 2.

SAVANNAH, GA., DISTRICT.

[Officer: Capt. Cassius E. Gillette, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of bids for dredging in harbor at Savannah, Ga., opened by Capt. Cassius E. Gillette, Corps of Engineers, at Savannah, Ga., September 16, 1901.

[Amount available, \$30,000.]

No.	Name and address of bidder.	Dredging (200,000 cubic yards).	
		Rate.	Amount.
		<i>Cents.</i>	
1	C. D. Collins, Savannah, Ga. ^a	17.5	\$35,000
2	P. Sanford Ross, Incorporated, Jersey City, N. J.	14.9	29,800

^a Informal.

Recommended that the bid of P. Sanford Ross, Incorporated, be accepted, they being the lowest responsible bidders for the most suitable materials and services.

Abstract of bids for dredging in Savannah Harbor, Georgia, opened January 16, 1902, at Savannah, Ga., by Capt. Cassius E. Gillette, Corps of Engineers.

[Appropriation: Improving Savannah Harbor, Georgia. Amount available, \$10,000.]

No.	Name and address of bidder.	Dredging (90,000 cubic yards).	
		Rate.	Amount.
		<i>Cents.</i>	
1	Rittenhouse Moore Dredging Co., Mobile, Ala. ^a	16	\$14,400
2	P. Sanford Ross, Incorporated, Jersey City, N. J. ^b	20	18,000
3	Empire Dredging Co., Savannah, Ga.	16½	14,850

^a Informal; affidavit in bid not sworn to.^b Informal.

Recommended that all bids be rejected.

Abstract of bids for dredging in harbor of Savannah, Ga., opened March 3, 1902, by Capt. Cassius E. Gillette, Corps of Engineers, at Savannah, Ga.

[Appropriation: Improving harbor at Savannah, Ga. Amount available, \$15,000.]

No.	Name and address of bidder.	Dredging (90,000 cubic yards).	
		Rate.	Amount.
		<i>Cents.</i>	
1	P. Sanford Ross, Jersey City, N. J. ^a	19½	\$17,550
2	George T. Warner, Savannah, Ga.	16	14,400

^a Informal.

Recommended that the bid of George T. Warner be accepted, he being the lowest responsible bidder for the best and most suitable articles and services.

TAMPA, FLA., DISTRICT.

[Officer: Captain Herbert Deakyne, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for completing rear communications of Battery De Leon at Key West, Fla., opened at Tampa, Fla., Tuesday, January 21, 1902, by Capt. Herbert Deakyne, Corps of Engineers.

Work to be done.	Snare & Triest, New York, N. Y.		L. L. Leach & Son, Chicago, Ill.	
	Rate.	Amount.	Rate.	Amount.
Concrete (about 178 cubic yards)	\$15.00	\$2,670.00	\$18.00	\$3,204.00
Surface to be plastered (about 181.6 square yards) .....	.40	72.64	3.00	544.80
Moving sand (about 200 cubic yards) .....	.30	60.00	.60	120.00
Loam fill (about 197.6 cubic yards)	1.75	345.80	.90	177.84
Bermuda grass (about 595.4 square yards) .....	.30	178.62	.25	148.85
Railing		200.00		357.00
Total		3,527.06		4,552.49

WRECK.

Abstract of proposals for removing wreck of bark Ceres, Key West Harbor, Florida, received in response to advertisement (copy attached) dated November 4, 1901, and opened at United States Engineer Office, Tampa, Fla., December 4, 1901, by Capt. Herbert Deakyne, Corps of Engineers.

No.	Name and address of bidder.	Amount.	Remarks.
1	William H. Towles, Myers, Fla.	\$1,145	
2	John W. Sawyer, Key West, Fla.	3,850	Only one copy of bid, and guarantors not certified.
3	Edward Roberts, Key West, Fla.	2,950	Only one copy of bid.
4	William H. Williams, Key West, Fla.	1,175	Do.
5	Maxwell T. Reybold, Key West, Fla.	3,742	Do.
6	Truxton & Ross, Georgetown, Del.	1,390	
7	Gilbert M. Van Sant and Eugene Bochm, Atlantic City, N. J.	3,290	
8	James A. Lowe, Key West, Fla.	1,090	Telegraphic, confirmed later by a written bid—only one copy.
9	Johnston & Virden, Lewes, Del.	2,590	

MOBILE, ALA., DISTRICT.

[Officer: Capt. Spencer Cosby, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for the construction of a brick storehouse at Fort Morgan, Ala., opened December 26, 1901.

No.	Name and address of bidder.	Brand of cement to be used.	Amount bid.			Time of commencement and completion.
			If brick "A" is used.	Sample "B" is used.		
1	Fonde Building Co., Mobile, Ala.	"Atlas"	\$7,200	\$8,205	.....	In accordance with specifications. Do.
2	Plattsmier & Thompson, New Orleans, La.	.....do .....	.....	.....	\$8,554	
3	Merrill & Suck, Mobile, Ala.	.....do	8,298	8,784	.....	Do.

All proposals being in excess of the amount allotted for the work, their rejection was recommended.

Abstract of proposals for furnishing and delivering coffer timbers and lumber, opened February 15, 1902.

No.	Name and address of bidder.	Class No. 1.				Total.
		60 coffer timbers, 12 by 18 inches by 57 feet (61,560 feet B. M.).		12 coffer timbers, 12 by 18 inches by 54 feet (11,664 feet B. M.).		
		Per 1,000 feet B. M.	Amount.	Per 1,000 feet B. M.	Amount.	
1	The Marsh & Bingham Co., Chicago, Ill.	<i>a</i> \$60.00	\$3,693.60	\$60.00	\$699.84	\$4,393.44
2	John J. Ganahl Lumber Co., St. Louis, Mo.	<i>a</i> 62.00	3,816.72	62.00	723.16	4,539.78
3	John Craft, Mobile, Ala.	<i>b</i> 67.00	4,124.52	67.00	781.49	4,906.01
4	T. H. Johnston & Co., Birmingham, Ala.		3,893.60		899.84	4,793.44
		<i>c</i> 50.00	3,078.00	50.00	583.20	3,661.20

a Douglas fir.*b* Yellow pine.*c* Not in accordance with specifications.

GALVESTON, TEX., DISTRICT.

[Officer: Capt. C. S. Riche, Corps of Engineers.]

FORTIFICATIONS.

Abstract of bids opened by Capt. C. S. Riche, Corps of Engineers, at Galveston, Tex., September 6, 1901, for furnishing and delivering natural cement.

No.	Name and address of bidder.	17,100 barrels, more or less, per barrel.	Total.
1	Wm. Parr & Co., Galveston, Tex.	\$1.24	\$21,204.00
2	Wm. E. Scales, Galveston, Tex.	1.30	22,230.00
3	Geo. H. Henchman Mercantile and Roofing Co., Galveston, Tex.	1.46½	25,094.25
4	W. H. Pollard & Co., Galveston, Tex.	1.37	24,427.00
5	Ira C. Hutchinson, New York, N. Y.	1.17½	20,092.50
6	H. P. McLaughlin & Co., Houston, Tex.	2.05	35,055.00
7	Lesley & Trinkles Co., Philadelphia, Pa.	1.98	33,858.00

Bid No. 5 accepted.

Proof read for
these.

For bibliography of

CL6.8

Fiction.

see

I59

Leyboldt, A.H. & Iles, G. ed.

List of books for girls & women &
their clubs. Fiction. 160 p.
Bost. 1895.

Abstract of proposals for furnishing large riprap, small riprap, and broken stone, received in response to advertisement, dated August 1, 1901, and opened October 1, 1901, by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex.

No.	Name and address of bidder.	At Fort Crockett, City Beach.			At Fort San Jacinto, Fort Point.			At Fort Travis, Bolivar Point.			Total.
		30,750 tons, more or less, large riprap (per ton).	10,250 tons, more or less, small riprap (per ton).	7,400 cubic yards, more or less, broken stone (per cubic yard).	30,000 tons, more or less, large riprap (per ton).	10,000 tons, more or less, small riprap (per ton).	13,750 cubic yards, more or less, broken stone (per cubic yard).	14,000 tons, more or less, large riprap (per ton).	4,650 tons, more or less, small riprap (per ton).	1,700 cubic yards, more or less, broken stone (per cubic yard).	
1	J. W. & R. D. Lauderdale, Somerville, Tex.....	\$1.93	\$1.93	\$2.85	\$1.85	\$1.85	\$2.75	\$2.27	\$2.27	\$3.00	\$259,468.00
2	J. P. Nelson, San Antonio, Tex.....	2.09	2.16	2.85	1.99	2.06	2.70	2.05	2.12	2.81	268,257.50
3	The Parker-Washington Co. and M. Sullivan, San Antonio, Tex.....	2.20	1.94	2.75	2.37	2.05	2.87	2.57	2.32	3.15	291,070.50
4	Suderman, Dolsen & Co., Galveston, Tex.....	2.22	2.37	2.50	2.10	2.31	2.65	2.40	2.65	2.90	284,447.50
5	Isaac Heffron, Galveston, Tex.....	1.97	1.97	2.47	1.77	1.77	2.28	1.87	1.87	2.20	239,813.50

ALTERNATIVE PROPOSITION.

No.	Name and address of bidder.	At Fort Crockett, City Beach.		At Fort San Jacinto, Fort Point.		At Fort Travis, Bolivar Point.		For delivery between Sept. 2 and Jan. 14, inclusive, add, per ton.	Total.
		30,750 tons, more or less, large riprap (per ton).	18,000 tons, more or less, small riprap (per ton).	30,000 tons, more or less, large riprap (per ton).	24,500 tons, more or less, small riprap (per ton).	14,000 tons, more or less, large riprap (per ton).	6,500 tons, more or less, small riprap (per ton).		
1	J. W. & R. D. Lauderdale, Somerville, Tex.....	\$1.93	\$1.85	\$1.85	\$1.78	\$2.27	\$2.00	Nothing.	\$236,537.50
2	J. P. Nelson, San Antonio, Tex.....	2.09	2.20	1.99	2.10	2.05	2.16	Nothing.	257,757.50
3	The Parker-Washington Co. and M. Sullivan, San Antonio, Tex.....	2.20	2.09	2.37	2.23	2.57	2.47	Nothing.	283,040.00
4	Suderman, Dolsen & Co., Galveston, Tex.....	2.22	2.37	2.10	2.31	2.40	2.65	22 cents.	281,345.00
5	Isaac Heffron, Galveston, Tex.....	1.97	1.97	1.77	1.77	1.87	1.87	Nothing.	230,837.50

No. 5 lowest bidder. Recommended that contract be awarded to No. 5 for first proposition.

Amount appropriated by act of March 1, 1901, for reconstruction and repair of fortifications, Galveston, Tex., \$992,000.

Abstract of bids opened by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex., March 27, 1902, for furnishing and delivering Portland cement at Fort Crockett, Tex., and Tenth and Avenue A, Galveston, Tex.

No.	Name and address of bidder.	Fort Crockett, 400 barrels, more or less (barrel).	Tenth and Avenue A, 600 barrels, more or less (barrel.)	Total.	Brand.
1	Hunkins-Willis Lime and Cement Co., St. Louis, Mo.	\$2.15	\$2.12	\$2,132.00	Atlas American Portland.
2	Geo. H. Henchman Mercantile and Roofing Co., Galveston, Tex.	2.03	1.98	2,000.00	"Dragon."
3	Ira C. Hutchinson, New York, N. Y. ^a	1.71	1.71	1,710.00	"Hercules" German Portland.
4	.....do.....	1.97	1.97	1,970.00	"Dragon" American Portland.
5	H. P. McLaughlin, Houston, Tex....	2.50	2.45	2,470.00	"Vulcanite."
6	Wm. Parr & Co., Galveston, Tex....	2.10	2.10	2,100.00	"Whitehall."
7	Texas Portland Cement and Lime Co., Galveston, Tex.	1.94	1.94	1,940.00	"Live Oak."
8	Wm. H. Pollard & Co., Galveston, Tex.	2.20	2.10	2,140.00	"Lehigh" American Portland.

^a Bid on cement of foreign manufacture. Price based on cement being admitted free of duty.

Bid No. 7 accepted.

RIVERS AND HARBORS.

Abstract of proposals for improving Aransas Pass, Tex., received in response to advertisement dated May 18, 1901, and opened June 18, 1901, by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex.

No.	Name and address of bidder.	10,000 tons, more or less, riprapi, in place (ton).	13,000 tons, more or less, large blocks, 3 to 8 tons each, in place (ton).	Total.
1	Charles Clarke & Co., Galveston, Tex.....	\$3.30	\$3.95	\$84,350.00
2	Isaac Heffron, Galveston, Tex.....	4.95	5.73	123,990.00
3	Henry C. Ripley, Chicago, Ill.....	4.70	5.20	114,600.00

No. 1, lowest bidder. Recommended that contract be awarded to No. 1.
Amount available for this improvement. \$75,000.

Abstract of bids opened by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex., October 1, 1901, for constructing sheet piling bulkhead at Morgans Point, Texas.

No.	Name and address of bidder.	Constructing bulkhead complete, linear foot.	Removing worthless bulkhead, linear foot.
1	Moore & Sieber, Texas City, Tex.....	\$6.05	\$1.33½

Awarded to Moore & Sieber.

Abstract of proposals for parts, attachments, and fittings for hydraulic dredge under contract at Galveston, Tex., opened by Capt. Mason M. Patrick, Corps of Engineers, at St. Louis, Mo., July 10, 1901.

No.	Name and address of bidder.	A.—Steam spud lift, etc.	B.—Suction frame and fit- tings.	C.—Shear leg and discharge pipes, fit- tings, etc.	D.—Sea pipes, valves, and screens.	Total.
1	Arthur Fritsch Foundry and Machine Co., St. Louis, Mo.....	\$750.00	\$2,205.00	\$1,922.00	\$416.50	\$5,293.50
2	Reliance Machine and Tool Works, St. Louis, Mo.....	766.92	2,216.32	2,459.38	676.58	6,119.20
3	Dickson Car Wheel Co., Houston, Tex.....	792.45	3,892.65	2,271.24	548.00	7,504.34
4	Schoellhorn-Albrecht Machine Co., St. Louis, Mo.....	(a)	(a)	(a)	(a)	(a)
5	O. B. Greeves, Beaumont, Tex.....	1,108.08	3,405.08	3,760.80	1,484.40	9,758.36

^a All iron and steel work at 15 cents per pound; all brass work at 30 cents per pound.

Awarded to No. 1.

WRECKS.

Abstract of proposals for removing wrecks in Galveston Bay, Texas, received in response to advertisement dated May 13, 1901, and opened June 1, 1901, by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex.

No.	Name and address of bidder.	A. Steam- er Cum- berland.	B. Iron oil tank.	C. Barge Jules.	D. Barge Alice.	E. Tug Kate.	Total.
1	Napoleon B. Register and Nicholas A. Outten, Lewes, Del.....	\$2,490.00	\$310.00	\$1,595.00	\$805.00	\$690.10	\$5,890.10
2	Fred W. Chase, Galveston, Tex.....	1,490.00	150.00	250.00	350.00	150.00	2,390.00
3	Charles Drouet and Charles Bryant, Galveston, Tex.....	749.00	100.00	420.00	420.00	300.00	1,989.00
4	Truxton & Ross, Georgetown, Del.....	3,400.00	800.00	2,300.00	1,600.00	1,100.00	9,200.00
5	Charles Clarke, Galveston, Tex. ^a	2,750.00	500.00	1,000.00	1,300.00	600.00	6,150.00
6	Charles W. Johnston, Lewes, Del.....	2,000.00	500.00	2,000.00	1,100.00	900.00	6,500.00
7	Mark Townsend and James Foley, Savannah, Ga.....	3,450.00	1,445.00	1,475.00	1,470.00	1,445.00	9,285.00
8	Joseph C. Delmas, Scranton, Miss.....	2,450.00	600.00	1,300.00	1,100.00	600.00	6,050.00
9	W. P. Emmett, Galveston, Tex. ^b	1,361.00	265.00	285.00	315.00	347.00	2,573.00

^a No 50-cent internal-revenue stamp attached.

^b Guarantors not certified to.

No. 3, lowest bidder. Recommended that contract be awarded to No. 3.

Amount allotted for removing wrecks, from appropriation for "Removing sunken vessel or craft obstructing or endangering navigation, indefinite," \$2,000.

Abstract of proposals for removing wrecks in Galveston Bay and Buffalo Bayou, Texas, received in response to advertisement dated March 15, 1902, and opened April 14, 1902, by Capt. C. S. Riché, Corps of Engineers, at Galveston, Tex.

No.	Name and address of bidder.	A. Dredge No. 3.	B. Barge No. 3.	C. Dredge boat.	D. Flat boat Daisy.	Total.
1	Chas. J. Bryant, Galveston, Tex.....	\$1,150	\$300	\$600	\$100	\$2,150
2	Fred W. Chase, Galveston, Tex.....	1,000	500	700	300	2,500
3	Johnston & Verden, Lewes, Del.....	1,100	900	700	250	2,950

Awarded to Chas. J. Bryant.

ST. LOUIS, MO., DISTRICT.

[Officer: Maj. Thos. L. Casey, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for building and installing two refrigerating plants on U. S. snag boats H. G. Wright and J. N. Macomb, received in response to advertisement dated March 15, 1902, and opened April 14, 1902, at 12 o'clock noon, by Maj. Thos. L. Casey, Corps of Engineers, at St. Louis, Mo.

No.	Name and address of bidder.	Price for each plant.	Total for the two plants.
1	Sterling Iron Works, Springfield, Mo. ^a	\$3,570	\$7,140
2	John F. Maynard, St. Louis, Mo.....	3,700	7,400
3	A. H. Barber Manufacturing Co., Chicago, Ill.....	3,840	7,680
4	New Jersey Foundry and Machine Co., New York, N. Y. ^b	3,550	7,100

^aNo witnesses to signatures of guarantors. Attach additional specifications.

^bProposal in accordance with printed specifications "except specified to the contrary in specifications attached."

[Available, \$30,000, approximately, removing obstructions in Mississippi River, 1902.]

No. 4, lowest, accepted.

ROCK ISLAND, ILL., DISTRICT.

[Officer: Maj. C. McD. Townsend, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received and opened by Maj. C. McD. Townsend, Corps of Engineers, at Rock Island, Ill., March 19, 1902, at 2 p. m., for "Bituminous coal at Des Moines Rapids Canal."

[There are available for this purchase, under approved estimates and projects, (1) \$3,000 from allotments for canal and locks and dredging canal, under section 4 of river and harbor act of July 5, 1884, for "Operating and care of canals and other works of navigation," applied to "Des Moines Rapids Canal;" (2) \$800 from "Operating snag boats and dredge boats on Upper Mississippi River," under river and harbor act of August 11, 1888; and (3) \$4,500 from allotment by sundry civil act of June 6, 1900, for "Improving Mississippi River from mouth of Missouri River to St. Paul, Minn."]

No.	Name and address of bidder (locality of mine).	Locality of delivery and price of coal.				Total.
		Guard lock, 80 tons (per ton).	Middle lock, 100 tons (per ton).	Lower lock, in shed, 100 tons (per ton).	Lower lock, on trestle, 4,000 tons (per ton).	
1	Wabash Coal Co., Quincy, Ill. (Dawson, Ill.)	\$2.15	\$2.15	\$1.90	\$1.90	\$8,367.00
2	W. E. Foley, Mapleton, Ill. (Mapleton, Ill.)	1.618	1.618	1.618	1.618	7,086.84
3	Applegate & Lewis Coal Co., Macomb, Ill. (Cuba, Ill.)	2.05	2.05	1.80	1.80	7,929.00
4	Blackbird Block Coal Co., Centerville, Iowa (Blackbird, Mo.)	1.8935	1.8935	1.8935	1.8935	8,293.53
5	Whitebreast Fuel Co., Chicago, Ill. (Dunfermline, Ill.)	2.10	2.10	2.175	2.175	9,513.00
6	Frank E. Ketcham, Mendota, Mo. (Mendota, Mo.)	1.90	1.90	2.00	2.00	8,742.00

NOTE.—Bid No. 2 is the lowest, but was rejected, as the coal upon being tested proved unsuitable. Bid No. 3, the next higher (the price being favorable and the coal upon being tested having proved satisfactory), was recommended for acceptance; accepted, and written contract made.

ST. PAUL, MINN., DISTRICT.

[Officer: Maj. R. L. Hoxie, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received in response to advertisement of Maj. R. L. Hoxie, Corps of Engineers, dated December 23, 1901, and opened at St. Paul, Minn., January 13, 1902, for hinges and other material for bear-trap sluice gates for Lock and Dam No. 2, Mississippi River, between Minneapolis and St. Paul.

No.	Name and address of bidder.	Place of delivery.	Price bid.
1	New Jersey Foundry and Machine Co., New York City, N. Y. ^a	Minnesota Transfer, Minnesota	\$14,957
2	St. Paul Foundry Co., St. Paul, Minn	St. Paul, Minn	25,644

^a Contract entered into February 3, 1902.

Abstract of proposals received in response to advertisement of Maj. R. L. Hoxie, Corps of Engineers, dated December 23, 1901, and opened at St. Paul, Minn., January 13, 1902, for four sets operating valves for bear-trap sluice gates, and gratings with required supports for same, to be used in construction of Lock and Dam No. 2, Mississippi River, between Minneapolis and St. Paul.

No.	Name and address of bidder.	Place of delivery.	Price bid.
1	New Jersey Foundry and Machine Co., New York City, N. Y.	Minnesota Transfer, Minnesota	\$4,800
2	St. Paul Foundry Co., St. Paul, Minn. ^a	St. Paul, Minn	2,200

^a Contract entered into January 21, 1902.

CHATTANOOGA, TENN., DISTRICT.

[Officer: Maj. John G. D. Knight, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for furnishing 3,000 cross-ties in Tennessee River, opened at United States Engineer office, Chattanooga, Tenn., September 24, 1901, for use at Muscle Shoals Canal, Alabama.

No.	Name and address of bidder.	Rate. per tie.	Total.
		<i>Cents.</i>	
^a 1	T. M. Barnett, Riverton, Ala	21½	\$645
2	J. M. Harland, Riverton, Ala	24	720
3	G. W. Wilburn, Rogersville, Ala	24	720
4	J. I. Thompson, Valdeau, Tenn	24½	755
5	F. D. Thompson, Riverton, Ala	25	750

^a Lowest bid; acceptance recommended.

Contract with T. M. Barnett approved and completed January 19, 1902.

Abstract of proposals for furnishing one year's supply of fresh meat at Muscle Shoals Canal, Alabama, opened at United States Engineer office, Chattanooga, Tenn., at noon, February 14, 1902.

No.	Name and address of bidder.	Beef, per pound.	Mutton, per pound.	Pork, per pound.
		<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>
1	Chas. J. Halter, Florence, Ala	7	6½	5
2	Crow Bros.....	7½	7	6½

α Lowest bid; acceptance recommended.

Contract with Charles J. Halter approved. Expires March 10, 1903.

Abstract of proposals for repairing aqueduct over Shoal Creek, Muscle Shoals Canal, opened at United States Engineer Office, Chattanooga, Tenn., April 18, 1902.

No.	Name and address of bidder.	Rivets cut out and set screws removed (per 100).	Rivets furnished and driven (per 100).	New holes made for rivets, etc., (per 100).	Plates furnished (per lb.).	Labor of mechanics (per day of 8 hours).
1	Walsh & Weidner, Chattanooga, Tenn	\$2.50	\$3.40	\$5.00	<i>Cents.</i> 58.7	\$5.00

Emergency contract entered into with Walsh & Weidner, April 18, 1902, and completed May 31, 1902.

CINCINNATI, OHIO, FIRST DISTRICT.

[Officer: Col. G. J. Lydecker, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for hire of light-draft steamboats and flatboats, for low-water snagging operations, Ohio River, received in response to public notice dated July 25, 1901, and opened at Cincinnati, Ohio, on August 26, 1901, by Maj. Wm. H. Bixby, Corps of Engineers.

No.	Name and address of bidder.	Steam-boats (per day.)	Flat-boats (per day.)	Mileage charges.	
				Up-stream.	Down-stream.
1	Anchor Paving Co., Evansville, Ind	\$15.00	\$3.00	\$1.00	\$0.75
2	Robert Hornbrook, Evansville, Ind. α	20.00	3.00	1.00	.75
3	Gordon C. Greene and Jesse P. Hughes, Newport, Ohio α ..	15.00	1.50	.50	.40
4	John W. & C. H. Thomas, Madison, Ind.	13.00	2.00	.75	.75
5	D. M. Miller, C. D. Dotson and M. R. Lowther, Parkersburg, W. Va.	13.50	1.50	.75	.50
6	Jacob H. and Louisa Clark, Newport, Ky	15.00	.....	1.00	1.00
7	The Smiley Towboat Co., Ashland, Ky. α	12.00	.....	.25	.20
8	Burnside & Burkesville Transportation Co., Burnside, Ky	17.50	.....	.30	.20
9	J. M. Davis, S. B. Goucher and C. J. Griffith, Pittsburg, Pa.	18.00	2.00	.50	.40

α Proposals accepted.

Abstract of proposals for hire of dredge, towboat, and six flatboats, for use in removing Rock Bar at the mouth of Licking River, opposite Cincinnati, Ohio, received in response to public notice dated August 20, 1901, and opened at Cincinnati, Ohio, August 31, 1901, by R. R. Jones, Assistant Engineer, for Maj. Wm. H. Bixby, Corps of Engineers.

No.	Name and address of bidder.	Dredge (per day).		Towboat (per day).		Flatboats.	
		Active.	Inactive.	Active.	Inactive.	Per day.	Num-ber.
1	John Barrett and Son, Cincinnati, Ohio ^a	.....	.....	\$37.00	\$32.00	\$6.00	1
2	James T. Duffy, Louisville, Ky.	.....	.....	35.00	30.00	.....	.....
3	Johnson Bros. Towboat Co., Proctorville, Ohio	.....	.....	42.50	35.50	.....	.....
4	Anchor Paving Co., Evansville, Ind.	.....	.....	44.50	44.50	.....	.....
5	Galbreath & White, Point Pleasant, Ohio ^a	.....	.....	.....	.....	6.00	1
6	Yellow Poplar Lumber Co., Coal Grove, Ohio	.....	.....	34.90	30.00	.....	.....
7	Chas. Mauget, Newport, Ky.	.....	.....	25.00	20.00	.....	.....
8	W. J. Duffy, Catlettsburg, Ky. ^b	.....	.....	24.50	15.00	.....	.....
9	Wm. Clark, Newport, Ky.	.....	.....	33.50	20.00	7.00	1
10	William B. Bassett, Cincinnati, Ohio ^c	\$42.50	\$21.25	.....	.....	.....	.....

^a Proposals for flatboats accepted.

^b Proposal for towboat accepted.

^c Proposal for dredge accepted.

Abstract of proposals for furnishing dynamite, exploders, etc., for use in removal of Rock Bar, at mouth of Licking River, opposite Cincinnati, Ohio, received in response to public notice dated August 30, 1901, and opened at Cincinnati, Ohio, on September 9, 1901, by R. R. Jones, Assistant Engineer, for Maj. Wm. H. Bixby, Corps of Engineers.

Article.	Designa-tion.	Quantity.	1. Great Western Powder Co., Toledo, Ohio.		2. Hercules Powder Co., Chicago, Ill. ^a		3. The Hazard Powder Co., Cincinnati, O.	
			Price bid.	Amount.	Price bid.	Am't.	Price bid.	Amount.
Dynamite:								
No. 1.....	Pounds...	1,600	\$0.15	^b \$240.00	\$0.15	\$240.00	\$0.16	^b \$256.00
No. 2.....	do.....	1,800	.12	216.00	.12	216.00	.12	216.00
Exploders:								
12-foot wires.....	Number..	1,200	4.50	^b 54.00	21.10	253.20	30.00	360.00
8-foot wires.....	do.....	500	3.65	^b 18.25	14.92	74.60	30.00	150.00
Muslin, unbleached.....	Yards.....	250	.06	15.00	.06	15.00	.05½	13.75
Flax twine, No. 18.....	Pounds.....	20	.85	17.00	.17	3.40	.20	4.00
Rubber tubing:								
¼-inch.....	Feet.....	200	.03	6.00	.03	6.00	.03½	6.50
½-inch.....	do.....	50	.03½	1.75	.06	3.00	.07	3.50
Connecting wire, No. 20.....	do.....	300	.01	^b 3.00	^c .30	1.35	.008	2.40
Leading wire, No. 16.....	do.....	1,000	¾	^b 75.00	^c .35	7.00	.008	8.00
Total.....	.....	.....	.....	578.50	.....	819.55	.....	1,020.15

^a Proposal accepted.

^b Not articles called for in specifications.

^c Per pound.

Abstract of proposals for furnishing 1,400 barrels Portland cement for repairs to dam at Blennerhassett Island, Ohio River, received in response to public notice dated September 13, 1901, and opened at Parkersburg, W. Va., on September 23, 1901, by Wm. M. Hall, assistant engineer, for Maj. Wm. H. Bixby, Corps of Engineers.

No.	Name and address of bidder.	Pounds per barrel.	Brand.	Price per barrel.
1	Lesley & Trinkle Co., Philadelphia, Pa.....	400	Giant.....	\$2.00
2	Lehigh Portland Cement Co., Allentown, Pa.....	380	Lehigh.....	1.65
3	Lawrence Cement Co., Philadelphia, Pa.....	380	Dragon.....	1.53
4	Empire Portland Cement Co., Warners, N. Y.....	380	Empire.....	1.59
5	Atlas Portland Cement Co., New York, N. Y. ^a	380	Atlas.....	1.55
6	Commercial Wood & Cement Co., New York, N. Y.....	400	Saylors.....	1.65

^a Proposal accepted.

Abstract of proposals for rebuilding water gauge at Evansville, Ind., Ohio River, received in response to public notice dated October 4, 1901, and opened at Cincinnati, Ohio, on October 14, 1901, by R. R. Jones, assistant engineer, for Maj. Wm. H. Bixby, Corps of Engineers.

[Kind of cement to be used: No. 1, Atlas; No. 2, Atlas or Vulcanite; No. 3, Atlas; No. 4, Atlas.]

No.	Name and address of bidder.	Rebuilding 220 feet water gauge.	
		Price per foot.	Total.
1	Anchor Paving Co., Evansville, Ind.	\$2.55	\$561.00
2	B. H. Kroger, Evansville, Ind.	5.30	1,166.00
3	Bedford, Weikel & Nugent, Evansville, Ind.	2.49	547.80
4	Stinchfield & Sanders, Evansville, Ind.	2.47	543.40

^a Proposal accepted.

Abstract of proposals for furnishing dynamite, exploders, etc., for use in removal of rock bar at mouth of Licking River, opposite Cincinnati, Ohio, received in response to public notice dated May 9, 1902, and opened at Cincinnati, Ohio, on May 19, 1902, by R. R. Jones, chief assistant engineer, for Col. G. J. Lydecker, Corps of Engineers.

Article.	1. Hercules Powder Co., Chicago, Ill.			
	Designation.	Quantity.	Price bid.	Amount.
Dynamite:				
No. 1	Pounds	2,500	\$0.16	\$400.00
No. 2	do	8,000	.13	1,040.00
Exploders:				
8-foot wires	Number	1,000	15.80	158.00
12-foot wires	do	3,000	22.34	670.20
Muslin, unbleached	Yards	600	.06	36.00
Flax twine, No. 18	Pounds	40	.20	8.00
Rubber tubing, $\frac{1}{2}$ -inch	Feet	1,200	.03	36.00
Connecting wire, No. 20	Pounds	4	.75	3.00
Leading wire, No. 16	do	20	.75	15.00
Total				2,366.20

No. 1 proposal accepted.

Abstract of proposals for hire of dredge, towboat, and eight flatboats, for use in removing rock bar at the mouth of Licking River, opposite Cincinnati, Ohio, received in response to public notice dated May 10, 1902, and opened at Cincinnati, Ohio, May 20, 1902, by R. R. Jones, chief assistant engineer, for Col. G. J. Lydecker, Corps of Engineers.

No.	Name and address of bidder.	Dredge (per day).				Towboat (per day).		Flatboats.	
		Double crew.		Single crew.		Active. Inactive.		Per day.	No. furnished.
		Active.	Inactive.	Active.	Inactive.				
1	Oscar F. Barrett, Cincinnati, Ohio ^a	\$100.00	\$60.00	\$50.00	\$30.00	\$36.50	\$32.00	\$7.50	2
2	Venus Towboat Co., Catlettsburg, Ky.					24.75	14.00		
3	Johnson Bros. Towboat Co., Proctorville, Ohio					32.00	25.00		
4	Burnside & Burkesville Transportation Co., Cincinnati, Ohio					34.90	28.90		
5	W. J. Duffy, Catlettsburg, Ky. ^b					24.50	15.00		
6	S. N. Galbreath, Point Pleasant, Ohio ^a							6.50	1
7	Galbreath & White, Point Pleasant, Ohio ^a							6.00	1
8	Kanawha and Ohio Co., Cincinnati, Ohio ^c	70.00	70.00	39.00	39.00				

^a Proposals for flatboats accepted.

^b Proposal for towboat accepted.

^c Proposal for dredge accepted.

PITTSBURG, PA., DISTRICT.

[Officer: Capt. W. L. Sibert, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for furnishing about 4,000 barrels of Portland cement, at Davis Island Dam, Ohio River, received in response to newspaper advertisement dated April 22, 1901, and opened May 27, 1901, by Maj. Wm. H. Bixby, Corps of Engineers.

No.	Name and address of bidder.	Brand.	Kind of package.	Price.	Amount.
1	Lawrence Cement Co., Philadelphia, Pa.	Dragon	{In barrels	α 1.68	\$6,720
			{In paper bags	α 1.58	6,320
2	Empire Portland Cement Co., Warner, N. Y.	Empire	{In barrels	2.00	8,000
			{In paper bags	1.85	7,400
3	D. J. Kennedy, Pittsburg, Pa.	Lehigh-American.	{In barrels	1.83	7,320
			{In paper bags	1.65	6,600

 α Accepted.

Abstract of proposals for rebuilding about 600 feet of upper guide wall at Davis Island Dam, Ohio River, received in response to newspaper advertisement dated April 22, 1901, and opened at Cincinnati, Ohio, May 27, 1901, by Maj. Wm. H. Bixby, Corps of Engineers.

Articles.	Quantity.	1. Sharpsburg Sand Co., Pittsburg, Pa.		2. Evansville Contract Co., Pittsburg, Pa.		3. Jutte & Foley Co., Pittsburg, Pa.		4. Robert A. Cummings, Owensboro, Ky.	
		Price bid.	Amount.	Price bid.	Amount.	Price bid.	Amount.	Price bid.	Amount.
Cofferdam...1-inch foot..	700	\$24.50	\$17,150	\$16.00	\$11,200	\$17.35	\$12,145	\$18.50	\$12,950.00
Common excavation, cubic yards.....	5,000	2.50	12,500	1.50	7,500	.75	3,750	.75	3,750.00
Rock excavation, cubic yards.....	200	5.00	1,000	1.50	300	2.50	500	3.50	700.00
Concrete...cubic yards..	2,400	4.15	9,960	4.50	10,800	7.95	19,080	4.50	10,800.00
Brick masonry.....do....	100	16.00	1,600	12.00	1,200	12.00	1,200	10.00	1,000.00
Wrought iron and steel, pounds.....	260	.10	26	.05	13	.10	.26	.06	15.60
Total			42,236		31,013		36,701		α 29,215.60

 α Accepted.

Abstract of proposals for rebuilding about 250 feet of lower guide wall at Davis Island Dam, Ohio River, received in response to advertisement by circular letter dated April 22, 1901, and opened June 5, 1901, by Maj. Wm. H. Bixby, Corps of Engineers.

Article.	Quantity.	1. The Evansville Contract Co., Evansville, Ind.		2. Robt. A. Cummings, Owensboro, Ky.	
		Price bid.	Amount.	Price bid.	Amount.
Cofferdam.....linear feet..	430	\$7.00	\$3,010.00	\$10.50	\$4,515.00
Common excavation.....cubic yards..	2,000	1.50	3,000.00	.80	1,600.00
Rock excavation.....do.....	100	3.00	300.00	3.50	350.00
Concrete.....do.....	1,300	4.50	5,850.00	5.00	6,500.00
Brick masonry.....do.....	100	13.00	1,300.00	10.50	1,050.00
Cast iron.....pounds.....	500	.07	35.00	.10	50.00
Wrought iron.....do.....	600	.07	42.00	.10	60.00
Steel.....do.....	50	.07	3.50	.10	5.00
Bolts, nuts, washers, spikes, etc.....do.....	500	.07	35.00	.10	50.00
Total			α 13,575.50		14,180.00

 α Accepted.

44 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Abstract of proposals for six wrought-iron or steel horses, at Davis Island Dam, Ohio River, received in response to advertisement by circular letter dated November 20, 1901, and opened December 5, 1901, by Capt. W. E. Craighill, Corps of Engineers.

No.	Name and address of bidder.	Estimated weight, 2,090 pounds.	
		Price.	Amount.
1	Scaife Foundry and Machine Co., Limited, Pittsburg, Pa.....	\$0.0975	a \$203.78
2	Thomas Carlin's Sons Co., Allegheny, Pa.....	.1475	308.35
3	Pittsburg Forge and Iron Co., Pittsburg, Pa.....	.15	313.50

a Accepted.

Abstract of proposals for furnishing 30 white-oak wickets, size 9 feet 9½ inches by 3 feet 9 inches by 7½ inches, at Davis Island Dam, Ohio River, received in response to advertisement by circular letter dated November 20, 1901, and opened December 5, 1901, by Capt. W. E. Craighill, Corps of Engineers.

[Contractor to furnish all material except cast-iron wicket box.]

No.	Name and address of bidder.	30 white-oak wickets.	
		Price.	Amount.
1	Evansville Contract Co., Evansville, Ind.....	\$54	a \$1,620
2	W. C. Snodgrass, Bellevue, Pa.....	54	1,620
3	B. A. Grach & Co., Limited, Pittsburg, Pa.....	55	1,650

a Accepted.

Abstract of proposals for 25 trestles and 26 platforms for service bridge, Weir No. 3, Davis Island Dam, Ohio River, received in response to advertisement by circular letter dated February 1, 1902, and opened February 3, 1902, by Capt. William L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	25 trestles.	26 platforms.	Total.
1	Thomas Carlin's Sons Co., Allegheny, Pa.....	\$26	\$17	\$4,300
2	Pittsburg Steel Construction Co., Pittsburg, Pa.....	.....	.....	4,100

All bids rejected; considered excessive. Purchased in open market from Evansville Contract Company, Evansville, Ind., at \$0.064 per pound for structural steel (35,900 pounds); \$0.093 per pound for cast steel (9,000 pounds); \$0.07 per pound for wrought iron (500 pounds); aggregate cost, \$3,169.60.

Abstract of bids for dredging and removing obstructions in Ohio River above Davis Island Dam; in Allegheny River below Sharpsburg, Pa.; and in Monongahela River below Charleroi, Pa., received in response to advertisement by circular letter dated April 15, 1902, opened April 25, 1902, by Capt. William L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Dredging and disposal of estimated 20,000 cubic yards dredgings.		Removing wrecks and other obstructions, estimated 100 hours' time.		Total cost.
		Percubic yard.	Amount.	Per hour.	Amount.	
1	Monongahela and Western Dredging Co., Pittsburg, Pa.....	Cents. 10.875	\$2,175	\$10	\$1,000	\$3,175
2	H. L. Neel, Pittsburg, Pa.....	19.5	3,900	10	1,000	4,900
3	Pittsburg Dredging and Construction Co., Pittsburg, Pa.....	11.0	2,200	9	900	a 3,100

a Accepted.

Abstract of bids for screens, shutters, and cover plates for Locks 1 and 3, Allegheny River, received in response to advertisement by circular letter dated March 7, 1902, opened March 20, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	For Lock 1: Screens, shutters, and cover plates (20,226 pounds).		For Lock 3: Cover plates (5,840 pounds).		Total.	Delivery.
		Per pound.	Amount.	Per pound.	Amount.		
		<i>Cents.</i>		<i>Cents.</i>			<i>Days.</i>
1	James Rees & Sons Co., Pittsburg, Pa.	6	\$1,213.56	6	\$350.40	^a \$1,563.96	60
2	Thomas Carlin's Sons Co., Pittsburg, Pa.	6.38	1,290.42	6.33	369.67	1,660.09	90

^a Accepted.

Abstract of bids for valve gearing and valve-operating machinery for Locks 1 and 3, Allegheny River, received in response to advertisement by circular letter dated March 24, 1902, opened April 5, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Valve gearing for Lock 1, Allegheny River (estimated weight 6,500 pounds).		Valve-operating machinery for Lock 3, Allegheny River (estimated weight, 9,360 pounds).		Total.	Delivery.
		Per pound.	Amount.	Per pound.	Amount.		
		<i>Cents.</i>		<i>Cents.</i>			
1	Thomas Carlin's Sons Co., Allegheny, Pa.		\$920.00		\$1,800.00	\$2,720.00	120 days.
2	The Simonds Manufacturing Co., Pittsburg, Pa.		800.00		1,800.00	2,600.00	4 weeks and 10 weeks.
3	Bair & Gazzam Manufacturing Co., Pittsburg, Pa.	11.5	747.50	16.5	1,544.40	2,291.90	60 days.
4	Scaife Foundry and Machine Co., Limited, Pittsburg, Pa.		1,020.00		1,879.00	2,899.00	40 days.
5	James Rees & Sons Co., Pittsburg, Pa.		850.00		1,320.00	^a 2,170.00	60 to 75 days.
6	Rosedale Foundry Co., Allegheny, Pa.		795.00		1,960.00	2,755.00	40 days.

^a Accepted.

Abstract of bids for gate maneuvering gear for Locks 10 to 15, Monongahela River, and Locks 1 and 3, Allegheny River, received in response to advertisement by circular letter dated April 24, 1902, opened May 5, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Gate maneuvering gear (estimated weight for 8 locks=36,400 pounds).		Time of delivery.
		Per lb.	Total.	
		<i>Cents.</i>		
1	Rosedale Foundry Co., Allegheny, Pa.	8.25	\$3,003	30 to 60 days.
2	James Rees & Sons Co., Pittsburg, Pa.	13.00	4,732	85 days.
3	The Bair & Gazzam Manufacturing Co., Pittsburg, Pa.	6.5	2,366	90 days.
4	The Scaife Foundry and Machine Co., Limited, Pittsburg, Pa.	6.5	2,366	30 days.
5	Chas. Hegewald Co., New Albany, Ind.	6.0	^a 2,184	40 days.
6	Pittsburg Manufacturing Co., Pittsburg, Pa.	8.0	2,912	95 days.
7	The Wagner-Palmros Manufacturing Co., Fairmont, W. Va.	7.5	2,730	120 days.

^a Accepted.

Abstract of bids for dredging in pools 1 to 5, Monongahela River, received in response to advertisement by circular letter dated June 28, 1901, opened July 8, 1901, by Maj. Chas. F. Powell, Corps of Engineers.

No.	Name and address of bidder.	Pool No. 1 and lower entrance to Lock No. 1 (per cubic yard).	Pool No. 2 (per cubic yard).	Pool No. 3 (per cubic yard).	Pool No. 4 (per cubic yard).	Pool No. 5 (per cubic yard).	Remarks.
		<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>	
1	Dilworth-Seudder Dredging Co., Pittsburg, Pa.	12.5	12.5	12.5	12.5	12.5	Informal.
2	W. C. Jutte, Pittsburg, Pa.	13.6	14.5	15.5	15.5	15.5	Accepted.
3	Neel Bros., Pittsburg, Pa.	15.0	14.75	15.0	15.0	15.0	Plant not ready.

Abstract of proposals for lock irons for Locks 11 to 15, Monongahela River, received in response to advertisement by circular letter dated January 8, 1902, opened January 25, 1902, by Capt. William L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Item 1. Cast iron (11,820 pounds).		Item 2. Wrought iron (3,100 pounds).		Item 3. Structural steel (26,700 pounds).	
		Per pound.	Total.	Per pound.	Total.	Per pound.	Total.
		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>	
1	James Rees & Sons Co., Pittsburg, Pa.	7.88	\$931.42	8.68	\$269.08	6.60	\$1,762.20
2	Rosedale Foundry Co., Allegheny, Pa.	5.45	644.19	8.55	265.05	4.05	1,081.35
4	Pittsburg Mfg. Co., Pittsburg, Pa.	7.25	856.95	10.25	317.75	5.5	1,468.50
5	Scaife Foundry and Machine Co., Limited, Pittsburg, Pa.	10.9	1,288.38	10.9	337.90	10.9	2,910.30

No.	Name and address of bidder.	Item 4. Cast steel (5,650 pounds).		Item 5. Forged steel (10,400 pounds).		Item 6. Bronze (380 pounds).		Total amount.
		Per pound.	Total.	Per pound.	Total.	Per pound.	Total.	
		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>		
1	James Rees & Sons Co., Pittsburg, Pa.	9.60	\$542.40	10.80	\$1,123.20	37.50	\$142.50	\$4,770.80
2	Rosedale Foundry Co., Allegheny, Pa.	15.05	850.33	9.65	1,008.60	35.70	135.66	a3,980.18
3	Pittsburg Forge and Iron Co., Pittsburg, Pa.			8.5	884.00			884.00
4	Pittsburg Mfg. Co., Pittsburg, Pa.	13.25	748.63	9.25	962.00	55	209.00	5,562.83
5	Scaife Foundry and Machine Co., Limited, Pittsburg, Pa.	10.9	615.85	10.9	1,133.60	10.9	41.42	6,327.45

a Accepted.

Abstract of proposals for building two locktenders' dwellings at Lock No. 10, Monongahela River, received in response to advertisement by circular letter dated January 23, 1902, and opened February 3, 1902, by Capt. William L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Bid.	Time of completion.
1	Chaplin & Warman, Morgantown, W. Va.	\$7,779.80	5 months from date of award.
2	J. J. Wharton, Morgantown, W. Va.	a 6,000.00	
3	First Ward P. M. Co., Morgantown, W. Va.	6,400.00	
4	Walls & Jenkins, Morgantown, W. Va.	6,400.00	
5	Bloom & Hartman, Morgantown, W. Va.	7,061.60	
6	Darrah Brothers, Morgantown, W. Va.	7,300.00	

a Accepted.

Abstract of proposals for lock-gate irons, Locks 13 to 15, Monongahela River, received in response to advertisement by circular letter dated April 24, 1902, opened May 25, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidders.	Item 1. Bolts, bands, angles, etc. (estimated weight 54,480 pounds).		Item 2. Anchorage, diagonal straps, forgings, etc. (estimated weight 28,263 pounds).		Item 3. Steel hood castings and fittings (estimated weight 16,992 pounds).	
		Per pound.	Total.	Per pound.	Total.	Per pound.	Total.
		<i>Cents.</i>		<i>Cents.</i>		<i>Cents.</i>	
1	Chas. Hegewald Co., New Albany, Ind ...	5.95	\$3,241.56	8.55	\$2,416.49	8.67	\$1,473.20
2	James Rees & Sons Co., Pittsburg, Pa.	9.25	5,039.40	12.65	3,575.27	9.25	1,571.76
3	Bair & Gazzam Manufacturing Co., Pittsburg, Pa. ....	.....	.....	15	4,239.45	11	1,869.12

No.	Name and address of bidders.	Item 4. Wickets and fittings (estimated weight 36,315 pounds).		Total.	Time of delivery.
		Per pound.	Total.		
		<i>Cents.</i>			<i>Days.</i>
1	Chas. Hegewald Co., New Albany, Ind ...	9.15	\$3,322.82	a \$10,454.07	90
2	James Rees & Sons Co., Pittsburg, Pa.	9.35	3,395.45	13,581.88	72
3	Bair & Gazzam Manufacturing Co., Pittsburg, Pa.	15	5,447.25	b 11,555.86	90

a Accepted.

b Incomplete.

Abstract of proposals for building hull and upper works of stern-wheel repair boat received in response to advertisement by circular letter dated February 3, 1902, and opened March 5, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Amount.
1	The Inland Marine Construction Co., Marietta, Ohio.	a \$9,200
2	Ed. J. Howard, Jeffersonville, Ind.	14,460
3	Benjamin Taylor Flesher, Middleport, Ohio.	14,800

a Accepted.

Abstract of proposals for building dredge hull and furnishing and installing machinery received in response to newspaper advertisement dated February 24, 1902, and opened March 26, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	For dredge, complete.		For dredge hull.		For dredge machinery.		
		Price.	Delivery.	Price.	Delivery.	Price.	Ready for shipment.	Installing on hull.
			<i>Days.</i>		<i>Days.</i>		<i>Days.</i>	<i>Days.</i>
1	The Bucyrus Co., South Milwaukee, Wis.	\$25,434	287	.....	.....	\$15,150	234	75
2	Featherstone Foundry and Machine Co., Chicago, Ill. ....	.....	.....	.....	.....	18,185	120	35
3	M. A. Sweeney Shipyard and Foundry Co., Jeffersonville, Ind.	a 19,740	180	.....	.....	.....	.....	.....
4	The Monongahela River Consolidated Coal and Coke Co., Pittsburg, Pa. ....	.....	.....	\$5,963.70	150	.....	.....	.....

a Accepted.

Abstract of proposals for building two wooden side-dump scows received in response to advertisement by circular letter dated March 12, 1902, and opened April 2, 1902, by Capt. Wm. L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	Price.	Delivery.
1	The Monongahela River Consolidated Coal and Coke Co., Pittsburg, Pa...	\$7,522.50	Days. 55
2	Oscar F. Barrett, Cincinnati, Ohio	a 7,200.00	60

a Accepted.

WHEELING, W. VA., DISTRICT.

[Officer: Capt. W. E. Craighill, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for building additions to each of 12 lock houses on the Kanawha River, W. Va., received in response to advertisement dated November 1, 1901, issued by Maj. E. H. Ruffner, Corps of Engineers, and opened on November 30, 1901, at the local office in Charleston, W. Va.

Article.	Quantity.	1. Jos. M. Neil, Charleston, W. Va. ^a		2. David Eagan, Charleston, W. Va. ^b		3. W. H. Hanna, Charleston, W. Va.	
		Price bid.	Amount.	Price bid.	Amount.	Price bid.	Amount.
Additions at Lock No. 7....number..	2	.....	\$552.52	.....	\$622.04	.....	\$640.00
Masonry at Lock No. 7....cubic yards..	8	\$8.50	68.00	\$11.50	92.00	\$8.00	64.00
Excavation at Lock No. 7.....do.....	8	.40	3.20	.45	3.60	.50	4.00
Additions at Lock No. 8....number..	3	.....	828.78	.....	963.06	.....	960.00
Masonry at Lock No. 8....cubic yards..	12	8.50	102.00	11.50	138.00	8.00	96.00
Excavation at Lock No. 8.....do.....	12	.40	4.80	.45	5.40	.50	6.00
Additions at Lock No. 9....number..	3	.....	828.78	.....	993.06	.....	960.00
Masonry at Lock No. 9....cubic yards..	12	8.50	102.00	11.50	138.00	8.00	96.00
Excavation at Lock No. 9.....do.....	12	.40	4.80	.45	5.40	.50	6.00
Additions at Lock No. 10....number..	3	.....	828.78	.....	993.06	.....	960.00
Masonry at Lock No. 10....cubic yards..	12	8.50	102.00	11.50	138.00	8.00	96.00
Excavation at Lock No. 10.....do.....	12	.40	4.80	.45	5.40	.50	6.00
Additions at Lock No. 11....number..	1	.....	276.26	.....	331.02	.....	320.00
Masonry at Lock No. 11....cubic yards..	4	8.50	34.00	11.50	46.00	8.00	32.00
Excavation at Lock No. 11.....do.....	4	.40	1.60	.45	1.80	.50	2.00
Total .....	.....	.....	3,742.32	.....	4,475.84	.....	4,248.00

a Recommended for acceptance.

b Informal.

Abstract of proposals for furnishing white-oak timber for Locks Nos. 4, 5, and 6, Kanawha River, West Virginia, received in response to advertisement of December 13, 1901, issued by Maj. E. H. Ruffner, Corps of Engineers, and opened in the local office at Charleston, W. Va., on January 13, 1902.

Article and quantity.	1. W. H. Wise- man, Diamond, W. Va. ^a	
	Rate.	Amount.
White-oak timber:		
23,185 feet B. M., for Dam No. 4.....	\$19.95	\$462.54
21,449 feet B. M., for Dam No. 5.....	19.95	427.91
2,943 feet B. M., for Dam No. 6.....	19.95	58.71
Total.....	.....	949.16

a Recommended for award.

Abstract of proposals for furnishing yellow-poplar and white-pine lumber, and locust or cedar posts for Kanawha River, W. Va., received in response to advertisement dated January 11, 1902, and opened at Charleston, W. Va., February 10, 1902, by Thos. E. Jeffries, Assistant Engineer, for Capt. W. E. Craighill, Corps of Engineers.

Article.	Quantity.	1. C. H. Bull & Co., Norfolk, Va.		2. D. G. Courtney, Charles- ton, W. Va.		3. W. H. Wise- man, Diamond, W. Va. ^a	
		Rate.	Amount.	Rate.	Amount.	Rate.	Amount.
Yellow-poplar lumber .....feet B. M..	66,863	.....	.....	\$45.00	\$2,984.99	\$29.95	\$1,986.67
White-pine lumber .....do....	4,486	.....	.....	65.00	291.59	29.96	134.40
Posts (locust or cedar) .....number..	1,600	\$3.50	\$5,600.00	.90	1,440.00	.96	1,536.00
Total .....	.....	.....	5,600.00	.....	4,716.58	.....	3,657.07

^aRecommended for acceptance. Bid slightly informal.

Abstract of proposals for furnishing wrought, cast, and malleable iron for Kanawha River, West Virginia, received in response to advertisement dated February 3, 1902, and opened at Wheeling, W. Va., March 4, 1902, by Capt. W. E. Craighill, Corps of Engineers.

Article.	Quantity.	1. Southside Foundry and Ma- chine Works, Charleston, W. Va.		2. New Jersey Foundry and Ma- chine Co., New York, N. Y. ^a		3. C. D. Williams, Charleston, W. Va.	
		Rate.	Amount.	Rate.	Amount.	Rate.	Amount.
Wrought iron .....pounds..	25,000	<i>Cents.</i> 7.09	\$1,772.50	<i>Cents.</i> 3.74	\$935.00	<i>Cents.</i> 6.09	\$1,725.00
Cast iron.....do....	7,000	3.23	226.10	3.24	226.80	4.00	280.00
Malleable iron.....do....	700	9.47	66.29	5.55	38.85	5.75	40.25
Total .....	.....	.....	2,064.89	.....	1,200.65	.....	2,045.25

^aRecommended for acceptance

All bids slightly informal.

Abstract of proposals for constructing 1 dump boat, 1 service boat, and 2 push boats for Kanawha River, West Virginia, received in response to advertisement dated April 2, 1902, and opened at Charleston, W. Va., May 2, 1902, by Thos. E. Jeffries, assistant engineer, for Capt. W. E. Craighill, Corps of Engineers.

Article.	Quantity.	1. Benj. T. Flesher, Middleport, Ohio. ^a		2. Oscar F. Barrett, Cincinnati, Ohio.	
		Rate.	Amount.	Rate.	Amount.
Dump boat.....	1	.....	\$2,250	.....	\$3,465
Service boat.....	1	.....	650	.....	1,925
Push boats.....	2	\$175	350	.....	1,200
Total .....	.....	.....	3,250	.....	6,590

^aRecommended for acceptance. Bid slightly informal.

Abstract of proposals for dredging in Ohio River, near Coraopolis, Pa., received in response to advertisement dated April 14, 1902, and opened at Wheeling, W. Va., May 13, 1902, by Capt. W. E. Craighill, Corps of Engineers.

No.	Name and address of bidder.	Dredging.		
		Rate per cubic yard.	Date of commencement.	Monthly rate—cubic yards.
		<i>Cents.</i>	<i>1902.</i>	
a1	Monongahela and Western Dredging Co., Pittsburg, Pa.....	33	June 1	30,000
2	The Evansville Contract Co., Pittsburg, Pa.....	54	.....do..	15,000
3	Pittsburg Dredging and Construction Co., Pittsburg, Pa.....	62	.....do..	15,000
4	Charles Francis Wood, Philadelphia, Pa.....	36	June 15	15,000

^a Recommended for acceptance. Bids 1 and 3 informal.

CINCINNATI, OHIO, SECOND DISTRICT.

[Officer: Maj. E. H. Ruffner, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for furnishing 184,000 feet B. M. white-oak timber; 23,000 pounds drift bolts; 800 cubic yards derrick stone and 1,800 cubic yards rubble stone; for operating and care of canals and other works of navigation; indefinite, Muskingum River, Ohio, received in response to advertisement of 30 days, dated June 24 and opened July 24, 1901, by Edmund Moeser, Assistant Engineer, for Maj. E. H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	Price bid.	Total.
	<i>White-oak timber, 184,000 feet B. M.</i>		
1	Gregg & Dutro, Zanesville, Ohio.....per thousand..	\$16.89	\$3,107.76
9	Milton Fouts, Durant, Ohio.....do.....	18.60	3,422.40
10	E. A. Patterson, Cedar Run, Ohio.....do.....	22.90	4,213.60
	<i>Drift bolts, 23,000 pounds.</i>		
2	Frank Numming & Son, Cincinnati, Ohio.....per pound..	.04	920.00
6	Oliver Iron and Steel Co., Pittsburg, Pa.....do.....	.02	460.00
	<i>Rubble stone, 1,800 yards.</i>		
4	J. W. Leake, Brokaw, Ohio.....per yard..	.44½	801.00
7	H. O. Lucas, Durant, Ohio.....do.....	.65	1,117.00
9	Milton Fouts, Durant, Ohio.....do.....	.55	990.00
10	E. A. Patterson, Cedar Run, Ohio.....do.....	.41	738.00
11	Clifton Bros., Eagleport, Ohio.....do.....	.53	954.00
	<i>Derrick stone, 800 yards.</i>		
8	Frank Northrup, McConnelsville, Ohio.....do.....	1.84	1,472.00
9	Milton Fouts, Durant, Ohio.....do.....	2.59	2,072.00
10	E. A. Patterson, Cedar Run, Ohio.....do.....	1.78	1,424.00
11	Clifton Bros., Eagleport, Ohio.....do.....	1.37	1,096.00

Bids Nos. 1, 6, 10, and 11 accepted.

Abstract of proposals for furnishing about 19,000 feet B. M. lock-gate timbers, for operating and care of canals and other works of navigation; indefinite, Muskingum River, Ohio, received in response to advertisement of thirty days, dated July 20 and opened August 20, 1901, by Edmund Moeser, Assistant Engineer, for Maj. E. H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	19,000 feet B. M. timber, per thousand.	Total.
1	Gregg & Dutro, Zanesville, Ohio.....	\$32	\$608
2	G. T. Elston, Marietta, Ohio.....	35	665

Bid No. 1 accepted.

Abstract of proposal for rebuilding lockmaster's house at Devols Dam, Ohio, for operating and care of canals and other works of navigation, indefinite, Muskingum River, Ohio, received in response to advertisement of thirty-one days, dated October 4, 1901, and opened November 5, 1901, by Edmund Moeser, assistant engineer, for Maj. E. H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	Price bid.
1	W. C. Handsby, Zanesville, Ohio	\$2,117.00
2	Joseph Oliver, Beverly, Ohio.....	1,517.00
3	Joseph M. Neil, Charleston, W. Va	1,849.01

Bid No. 2 accepted.

Abstract of proposals for furnishing one set of steel lock gates, composed of two leaves, for Lock No. 9, Muskingum River, received in response to advertisement dated November 16, 1901, issued by Maj. E. H. Ruffner, Corps of Engineers, and opened December 16, 1901.

No.	Name and address of bidder.	One set steel lock gates (2 leaves).	Times of delivery after notification of approval of contract by Chief of Engineers.
1	Chas. Hegewald Co., New Albany, Ind	\$2,817.60 2,582.80 2,465.40 2,348.00	3 months. 4 months. 5 months. 6 months.
2	John P. McGuire, Cleveland, Ohio.....	2,750.00	Do.
3	New Jersey Foundry and Machine Co., New York, N. Y	2,946.00	5 months.

All bids rejected, being considered excessive.

Abstract of proposals for furnishing about 32,652 feet B. M. lock-gate timbers, for operating and care of canals and other works of navigation, indefinite, Muskingum River, received in response to advertisement of thirty days, dated January 30, and opened February 28, 1902, by Edmund Moeser, assistant engineer, for Maj. Ernest H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	Quantity (feet B.M.).	Price bid per M.	Total.
1	Smith Bros., Benton, Ohio.	16,218 10,424 6,010	\$46.50 46.50 46.50	\$754.14 484.72 279.46
	Total.....			1,518.32
2	The Marsh Bingham Co., Chicago, Ill	16,218 10,424 6,010	41.94 41.09 41.09	680.18 428.32 246.95
	Total.....			1,355.45
3	Winfield S. Gregg, Zanesville, Ohio.....	16,218 10,424 6,010	43.50 34.50 34.50	705.48 359.68 207.34
	Total.....			1,272.45

Bid No. 3 excepted.

Abstract of proposals for furnishing ironwork for Locks Nos. 1 and 2, Big Sandy River, received in response to circular advertisement dated July 20, 1901, and opened August 19, 1901, by Maj. E. H. Ruffner, Corps of Engineers.

Articles.	1. Crawley & Johnston, Cincinnati, Ohio.		2. John P. McGuire, Cleveland, Ohio.		3. Jacob Weisberg, Cincinnati, Ohio.	
	Unit.	Total.	Unit.	Total.	Unit.	Total.
Delivered at Catlettsburg:	<i>Cents.</i>				<i>Cent.</i>	
441.61 pounds steel.....	18	\$79.49	.....	.....	0.148	\$65.36
175.51 pounds cast iron.....	18	31.59	.....	\$80.00	.148	25.97
Delivered at Kavanaugh:						
441.61 pounds steel.....	18	79.49	.....	.....	.15	66.24
175.51 pounds cast iron.....	18	31.59	.....	80.00	.15	26.33
Total.....	.....	222.16	.....	160.00	.....	183.90

Bid No. 2 accepted.

Abstract of proposals for re-covering roof of cement shed at Lock No. 1, Big Sandy River, received in response to circular advertisement dated April 12, and opened April 22, 1902, by Maj. E. H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	Amount bid.
1	Robert Crawford, Catlettsburg, Ky.....	\$33

Accepted.

Abstract of proposals for building, complete, cement sheds at Locks Nos. 1 and 2, Big Sandy River, West Virginia and Kentucky, received in response to advertisement dated February 3, 1902, issued by Maj. E. H. Ruffner, Corps of Engineers, and opened March 4, 1902.

No.	Name and address of bidder.	Cement shed, complete, at Lock No. 1.	Cement shed, complete, with excavation, Lock No. 2.
1	R. Shore and B. Murrell, Huntington, W. Va.....	\$935	\$605
2	William Newman and Robert Crawford, Catlettsburg, Ky.....	250	406

Bid No. 2 accepted.

Abstract of proposals for furnishing about 12,550 barrels of American Portland cement at Catlettsburg and Kavanaugh, Ky., for use at Locks Nos. 1 and 2, Big Sandy River, received in response to advertisement dated May 31, 1902, issued by Maj. E. H. Ruffner, Corps of Engineers, and opened on June 30, 1902.

Articles.	The Kelley Island Lime and Transport Co., Cleveland, Ohio.	Brand.
5,150 barrels cement, delivered at Catlettsburg, Ky ...per barrel..	\$2.75	German. Lagerdorfer.
7,400 barrels cement, delivered at Kavanaugh, Ky .....do....	2.88	Do.

Abstract of proposals for cement for use at Dam No. 1, Kentucky River, Kentucky, received in response to advertisement dated August 3, 1901, and opened August 22, 1901, at Valley View, Ky., by John M. G. Watt, assistant engineer, for Maj. E. H. Ruffner, Corps of Engineers.

Articles.	1. J. B. Speed & Co., Louisville, Ky.			2. Castalia Portland Cement Co., Pittsburg, Pa.		
	Unit.	Total.	Brand.	Unit.	Total.	Brand.
Portland cement, 350 barrels a.....	\$2.20	\$770.00	Nazereth.	\$1.83	\$640.50	"Tiger."
Natural cement, 3,600 barrels a.....	.94 ¹ / ₂	3,411.00	Star.	.....	(^b)	

^a Approximate amounts.

^b No bid.

No. 1 awarded Natural cement.

No. 2 awarded Portland cement.

Abstract of proposals for repair work on Kentucky River, Kentucky, opened at Cincinnati, Ohio, on March 15, 1902, by Maj. E. H. Ruffner, Corps of Engineers.

Classification and approximate quantities.	1. T. W. Disken, Carrollton, Ky.		2. John Short, St. Louis, Mo.		3. A. Dudley Blanton, Chas. Armstrong, Frankfort, Ky.		4. Sheridan- Kirk Contract Co., Valley View, Ky.		5. Archibald Hollerbach, Samuel L. May, Evans- ville, Ind.	
	Unit.	Total.	Unit.	Total.	Unit.	Total.	Unit.	Total.	Unit.	Total.
ITEM No. 1.—Renewal of dam No. 1.										
Crib excavation, 5,300 cubic yards										
Concrete, 6,000 cubic yards			\$0.75	\$3,975.00			\$1.20	\$6,360.00	\$0.90	\$4,770.00
Riprap, 4,000 cubic yards			5.20	31,200.00			6.10	36,600.00	4.50	27,000.00
Coffer lumber, 17,000 feet B. M.			1.50	6,000.00			1.00	4,000.00	1.50	6,000.00
Cement, 600 barrels			50.00	850.00			40.00	680.00	50.00	850.00
Piling, 550 linear feet			1.50	900.00			1.50	900.00	1.80	1,080.00
			1.00	550.00			1.00	550.00	.30	165.00
Total				43,475.00				49,090.00		39,865.00
Renewal of abutment, lock No. 1.										
Earth excavation, 300 cubic yards .....			.60	180.00			.60	180.00	.50	150.00
Crib excavation, 800 cubic yards .....			.75	600.00			1.20	960.00	.90	720.00
Concrete, 600 cubic yards			5.20	3,120.00			6.10	3,660.00	4.50	2,700.00
Riprap, 600 cubic yards			1.50	900.00			1.00	600.00	1.50	900.00
Piling, 960 linear feet			1.00	960.00			1.00	960.00	.30	288.00
Total				5,760.00				6,360.00		4,758.00
ITEM No. 2.—Renewal of lower cribs, lock 2.										
Earth excavation, 900 cubic yards	\$0.75	\$675.00	.60	540.00			.60	540.00	.50	450.00
Crib excavation, 2,000 cubic yards .....	.75	1,500.00	.75	1,500.00			1.20	2,400.00	.90	1,800.00
Embankment, 1,300 cubic yards .....	.75	975.00	.60	780.00			.40	520.00	.50	650.00
Concrete, 1,900 cubic yards	7.00	13,300.00	5.20	9,880.00			6.35	12,065.00	5.25	9,975.00
Riprap, 180 cubic yards	2.00	360.00	1.50	270.00			1.00	180.00	1.50	270.00
Total		16,810.00		12,970.00				15,705.00		13,145.00
ITEM No. 3.—Renewal of lower land crib, lock 3.										
Earth excavation, 2,000 cubic yards .....			.60	1,200.00	\$0.79	\$1,580.00	.60	1,200.00	.50	1,000.00
Crib excavation, 1,300 cubic yards .....			.75	975.00	1.40	1,820.00	1.20	1,560.00	.90	1,170.00
Embankment, 300 cubic yards .....			.60	180.00	.85	255.00	.40	120.00	.50	150.00
Concrete, 750 cubic yards			5.20	3,900.00	6.25	4,687.50	6.35	4,762.50	5.50	4,125.00
Riprap, 270 cubic yards			1.50	405.00	1.80	486.00	1.00	270.00	1.50	405.00
Total				6,660.00		8,828.50		7,912.50		6,850.00
ITEM No. 4.—Removal of rock ledge, lock 2.										
Rock excavation, 60 cubic yards	12.00	720.00	4.00	240.00					15.00	900.00
Grand total				69,105.00				79,067.50		65,518.00

Item No. 1 awarded to No. 5.

Items Nos. 2, 3, and 4 awarded to No. 2.

Abstract of proposals for building Lock and Dam No. 10, Kentucky River, Kentucky, and for building two lock-houses at the site of No. 10, received in response to advertisement dated April 16, 1902, and opened on May 19, 1902, by Maj. E. H. Ruffner, Corps of Engineers.

Classification and approximate quantities.	1. Robert A. Cummings, Pittsburg, Pa.		2. Mason & Hoge Co., Frankfort, Ky.		3. John Short, St. Louis, Mo.		4. Sheridan-Kirk Contract Co., Valley View, Ky.	
	Unit.	Total.	Unit.	Total.	Unit.	Total.	Unit.	Total.
Cofferdam timber, 375,000 feet B. M.	\$50.00	\$18,750.00	\$35.00	\$13,125.00	\$36.00	\$13,500.00	\$45.00	\$16,875.00
Timber in permanent construction, 22,000 feet B. M.	40.00	880.00	50.00	1,100.00	45.00	990.00	45.00	990.00
Piling, 1,000 linear feet.	.30	300.00	.40	400.00	.55	550.00	.40	400.00
Cofferdam filling, 22,000 cubic yards	.40	8,800.00	.50	11,000.00	.52	11,440.00	.60	13,200.00
Embankment, 20,000 cubic yards	.35	7,000.00	.35	7,000.00	.40	8,000.00	.30	6,000.00
Earth excavation, 50,000 cubic yards	.40	20,000.00	.40	20,000.00	.38	19,000.00	.60	30,000.00
Rock excavation, 250 cubic yards	4.00	1,000.00	2.00	500.00	4.00	1,000.00	2.00	500.00
Deposit, 3,000 cubic yards	.50	1,500.00	.40	1,200.00	.50	1,500.00	.30	900.00
Concrete, 26,250 cubic yards	4.00	105,000.00	3.80	99,750.00	3.85	101,062.50	4.50	118,125.00
Riprap, 5,000 cubic yards	1.50	7,500.00	1.50	7,500.00	1.40	7,000.00	1.50	7,500.00
Stone masonry, 14 cubic yards	50.00	700.00	50.00	700.00	45.00	630.00	50.00	700.00
Iron and steel, 250,000 pounds	.07	17,500.00	.055	13,750.00	.05	12,500.00	.05	12,500.00
Drift bolts, 40,000 pounds	.03	1,200.00	.04	1,600.00	.04	1,600.00	.04	1,600.00
Fence, 4,000 linear feet	.30	1,200.00	.15	600.00	.20	800.00	.25	1,000.00
Dwellings, 2	2,500.00	5,000.00	2,500.00	5,000.00	3,300.00	6,600.00	2,500.00	5,000.00
Outbuildings, 2	600.00	1,200.00	150.00	300.00	300.00	600.00	100.00	200.00
Cisterns, 2	100.00	200.00	100.00	200.00	150.00	300.00	450.00	900.00
Total		197,730.00		183,725.00		187,072.50		216,390.00

Bid No. 2 accepted.

Abstract of proposals for furnishing about 15,000 barrels American Portland cement, for use in the construction of Lock No. 10, Kentucky River, Kentucky, received in response to advertisement dated April 30, 1902, and opened May 31, 1902, by Maj. E. H. Ruffner, Corps of Engineers.

No.	Name and address of bidder.	Brand.	15,000 barrels American Portland cement, per barrel.		Rebate per bag for each empty bag returned.
			In barrels.	In bags.	
1	The Kelley Island Lime and Transport Co., Cleveland, Ohio.	Lagerdorfer German Portland.	\$2.55	.....	.....
2	Virginia Portland Cement Co., New York, N. Y.	Old Dominion	2.10	\$2.10	\$0.05

Bid No. 2 accepted.

LOUISVILLE, KY., DISTRICT.

[Officer, Maj. E. H. Ruffner, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received in response to advertisement, by circular notices and posters, and opened at Louisville, Ky., July 5, 1901, by Capt. William L. Sibert, Corps of Engineers, for furnishing teams for use in constructing the dike at Wave Rock, Indiana Chute, Falls of Ohio River.

Item.	Price per day.	
	Bid of E. Frazer, Jeffersonville, Ind.	Bid of Wm. O. Everett, Jeffersonville, Ind.
Dump carts, 2 horses or mules and driver	\$3. 19	\$3. 24
Dump wagons, 2 horses or mules and driver	3. 09	3. 24
Dump carts, 1 horse or mule and driver	2. 39	2. 49
Two horses or mules and driver	2. 99	3. 00
One horse or mule and driver	1. 85	2. 00
Spring wagon, 1 horse and driver	1. 98	2. 49

Total of bids indeterminable. Period covered was from date of contract to December 31, 1901. Award based on rate per day and made to E. Frazer. Payments made under the contract amounted to \$2,312.55.

Abstract of proposals received in response to advertisement, by poster and circular notice, and opened August 6, 1901, at Louisville, Ky., by Capt. William L. Sibert, Corps of Engineers, for furnishing and delivering sand.

Name of bidder.	Approximate quantity (cubic yards).	Price per cubic yard.	Total.
Ohio River Sand Co	^a 171	\$1. 50	\$256. 50
Do	^b 404	. 75	303. 00

^a At locks of L. and P. Canal.

^b On barges at Ninth street and canal.

Award made to Ohio River Sand Company.

Abstract of proposals received in response to advertisements, by poster and circular notice, and opened at Louisville, Ky., August 6, 1901, by Capt. William L. Sibert, Corps of Engineers, for furnishing and delivering broken stone for use on the Louisville and Portland Canal.

Name of bidder.	Article.	Approximate quantity (cubic yards).	Price per cubic yard.	Total.
Peter Bitzer	Broken stone	574	\$1. 15	\$660. 10
Do	Stone screenings	95	1. 05	99. 75

Certificate as to guarantors incomplete.

Award made to Peter Bitzer.

Abstract of proposals received in response to advertisement, by poster and circular notice, and opened at Louisville, Ky., August 6, 1901, by Capt. William L. Sibert, Corps of Engineers, for furnishing and delivering natural cement.

Name of bidder.	Approximate quantity (barrels).	Price per barrel.	Rebate for empty barrels returned.		Total.
			With both heads.	With one head.	
J. B. Speed & Co.....	1,738	\$0.75	\$0.11	\$0.08	\$1,308.5

Award made to J. B. Speed & Co.

Abstract of proposals received in response to advertisement, by poster and circular notice, and opened at Louisville, Ky., August 8, 1901, by Capt. William L. Sibert, Corps of Engineers, for furnishing and delivering stone.

Name of bidder.	Approximate quantity (cubic yards).	Price per cubic yard.	Total.
C. L. Cornwell.....	500	\$6.70	\$3,350.00
Bedford Bowling Green Stone Co.....	500	14.58	7,290.00

Award made to C. L. Cornwell.

Abstract of proposals for building a new warehouse and a new power house, received in response to advertisement, published in newspapers, and opened September 30, 1901, by Capt. William L. Sibert, Corps of Engineers.

No.	Name and address of bidder.	For the warehouse complete as specified.	For the power house complete as specified.	Total amount of bid.	Time required to complete warehouse (days).	Time required to complete power house (days).
1	C. L. Cornwell, Louisville, Ky.....	\$8,950	\$9,380	\$18,330	100	100
2	Jacob Bornstein, Louisville, Ky. ^a	7,210	8,035	15,245	95	95
3	Jacob F. Meriwether, Louisville, Ky. ^b	7,184	8,515	15,699	120	30
4	J. P. Will Co., Louisville, Ky. ^c	7,203	8,650	15,853	120	120

^a Christian name of bidder not written in full in guaranty—John Strassel in body of guaranty, signature, John S. Strassel. Bid as opened signed by Jacob Bornstein and J. L. Strassel, subsequently corrected over signatures of both parties to show that signature of Strassel was intended only as a witness to that of Bornstein.

^b No design of truss submitted. Sample of brick only submitted.

^c Authority for J. P. Will, Jr., to sign for the company not submitted; guaranty not filled out or signed; certificate as to guaranty not made by proper official.

Award made to Jacob Bornstein.

Abstract of proposals received in response to advertisement, by poster and circular notices, and opened at Louisville, Ky., January 18, 1902, by Maj. E. H. Ruffner, Corps of Engineers, for supplying 16,508 feet B. M. yellow pine timber at Bowling Green, Ky.

Name and address of bidder.	Quantity (feet B. M.).	Price (per M. feet B. M.).	Total.
Roemer Bros., Bowling Green, Ky.....	16,508	\$30.00	\$495.24

Signature to proposal not complete. Guaranty incomplete.

Only one proposal received. Award made to Roemer Bros., that firm's bid being reasonable. Informalities in bid waived in accordance with right reserved in paragraph 22 of the specifications.

Abstract of proposals for building two dump scows, received in response to advertisement, published in newspapers, and opened at Louisville, Ky., March 5, 1902, by Maj. E. H. Ruffner, Corps of Engineers.

No. of proposal.	Name and address of bidder.	For scows built of yellow pine (price each).	For scows built of white oak with white pine decking (price each).	Total amount of bid.	
				For scows built of yellow pine.	For scows built of white oak with white pine decking.
1	The Monongahela River Consolidated Coal and Coke Co., Pittsburg, Pa		\$3,067.00		\$6,134.00
2	Oscar F. Barrett, Cincinnati, Ohio.....		3,856.80		7,713.60
3	Ed J. Howard, Jeffersonville, Ind. a.....	\$3,370.00	3,570.00	\$6,740.00	7,140.00

a Guaranty not dated on one copy of proposal.

Bid of Monongahela River Consolidated Coal and Coke Company accepted.

DULUTH, MINN., DISTRICT.

[Officer: Capt. D. D. Gaillard, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received at Duluth, Minn., for dredging in Portage Lake ship canals, Keweenaw Point, Mich., opened March 5, 1902, by Capt. D. D. Gaillard, Corps of Engineers.

[Amount proposed to be expended in this work, about \$40,000.]

No.	Name and address of bidder.	For dredging, per cubic yard, scow measurement.					For use of dredging plant in special cases, per hour.	Total.
		Sec. 1 (36,000 cubic yards).	Sec. 2 (123,000 cubic yards).	Sec. 3 (89,000 cubic yards).	Sec. 4 (52,000 cubic yards).	Sec. 5 (60,000 cubic yards).		
1	The Buffalo Dredging Co., Buffalo, N. Y	\$0.32	\$0.16	\$0.24	\$0.16	\$0.16	\$20.00	\$70,480
2	The L. P. & J. A. Smith Co., Cleveland, Ohio .....	.30	.16	.25	.16	.20	20.00	73,050
3	James Pryor, Houghton, Mich.....	.19	.10	.17	.10	.10	15.00	45,470
4	Duluth Dredge and Dock Co., Duluth, Minn.....	.19½	.11	.18	.10½	.10	15.00	48,030
5	Samuel O. Dixon, Milwaukee, Wis..	.25	.22	.25	.12	.12	17.50	71,750

Contract was entered into with James Pryor, of Houghton, Mich., dated March 17, 1902 (E. D. 4236), approved by Chief of Engineers April 1, 1902, for dredging in Portage Lake ship canals, Michigan; work to be commenced by May 10, 1902, and to be completed by November 1, 1902.

Abstract of proposals received at Duluth, Minn., for building watchman's house, Portage Lake canals, Michigan, opened March 10, 1902, by Capt. D. D. Gaillard, Corps of Engineers.

[Amount proposed to be expended in this work, about \$2,500.]

No.	Name and address of bidder.	Amount of bid.
1	Chas. Gibbs & Son, Houghton, Mich.....	\$2,700
2	Rashleigh Brothers, Houghton, Mich.....	2,915
3	McCallum & McArthur, Laurium, Mich.....	2,437

Contract was entered into with McCallum & McArthur, of Laurium, Mich., dated March 21, 1902 (E. D. 42364), approved by Chief of Engineers, April 14, 1902; work to be commenced by May 1, 1902, and to be completed by July 30, 1902.

CHICAGO, ILL., DISTRICT.

[Officer: Maj. J. H. Willard, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for constructing 4 miles of western section of Illinois and Mississippi Canal, being part of mile 29 and miles 30 to 32, inclusive, received in response to advertisement of August 2, 1901, and opened 12 m., Central time, September 3, 1901.

[Amount available, \$50,000.]

No.	Name and address of bidder.	Earthwork on miles—							
		29 (35,789 cubic yards).		30 (99,513 cubic yards).		31 (113,137 cubic yards).		32 (112,043 cubic yards).	
		Price.	Amount.	Price.	Amount.	Price.	Amount.	Price.	Amount.
1	Solomon Peter Bennett, Atkinson, Ill. ^a	\$0. 1125	\$4,026.26	\$0. 1125	\$11,195.21	-----	-----	-----	-----
2	John J. McCaughey, Chicago, Ill.	.1346	4,817.20	.0979	9,742.32	\$0. 1642	\$18,577.10	\$0. 1179	\$13,209.87
3	Flynn Brothers, Annawan, Ill. ^b	.19	6,799.91	.154	15,325.00	.22	24,890.14	.124	13,893.33
4	Pound Construction Co., Chicago, Ill. ^c	.25	8,947.25	.19	18,907.47	.25	28,284.25	.25	28,010.75
5	Katz and Callahan, Omaha, Nebr. ^d	.1175	4,205.20	.1175	11,692.77	.159	17,988.78	.129	14,453.55

^a Number of miles bid on not inserted in guaranty and date of beginning work not stated.

^b Date of bid and date stated in guaranty differ. Date of beginning work not stated.

^c No official title to signature of W. D. Pound and no evidence of authority to sign.

^d Date of beginning work not stated.

Lowest bid on miles 29 and 30, proposal No. 2 (to be let together under paragraph 76 of specifications)	\$14,559.52
Lowest bid on mile 31, proposal No. 5	17,988.78
Lowest bid on mile 32, proposal No. 2	13,209.87
Total	45,758.17

Abstract of proposals for excavating pits and constructing foundations for 2 locks and 4 culverts, western section Illinois and Mississippi Canal, received in response to advertisement of February 5, 1902, and opened at 12 m. March 8, 1902, by Maj. J. H. Willard, Corps of Engineers.

[Amount available, \$50,000.]

No.	Name and address of bidder.	Earthwork (35,200 cubic yards).		Piles (1,568, 25,088 driven feet).		Pine timber (167,800 feet B. M.).		Pine plank (30,276 feet B. M.).	
		Price per cubic yard.	Amount.	Price per driven foot.	Amount.	Price per 1,000 feet B. M.	Amount.	Price per 1,000 feet B. M.	Amount.
1	C. H. Fath & Son Construction Co., Cleveland, Ohio.	\$0.57	\$20,064.00	\$0.38	\$9,533.44	\$32.00	\$5,369.60	\$32.00	\$968.83
2	Cogan & Pound, Chicago, Ill. ^a	.30	10,560.00	.30	7,526.40	25.00	4,195.00	33.00	999.11
3	Page & Shnable, Chicago, Ill.	.33	11,616.00	.30	7,526.40	32.00	5,369.60	30.00	908.28
4	Thomas Phee, Chicago, Ill. ^b	.20	7,040.00	.37	9,282.56	30.00	5,034.00	34.00	1,029.38
5	Charles Stone, Des Moines, Iowa	.40	14,080.00	.45	11,289.60	26.00	4,362.80	28.00	847.73

Abstract of proposals for excavating pits and constructing foundations for 2 locks and 4 culverts, etc.—Continued.

No.	Name and address of bidder.	Oak plank (2,224 feet B. M.).		Natural cement concrete (2,797 cubic yards).			
		Price per 1,000 feet B. M.	Amount.	With crushed stone.		With gravel or pebbles.	
				Price per cubic yard.	Amount.	Price per cubic yard.	Amount.
1	C. H. Fath & Son Construction Co., Cleveland, Ohio.	\$38.00	\$84.51	\$5.30	\$14,824.10	\$5.30	\$14,824.10
2	Cogan & Pound, Chicago, Ill. ^a	50.00	111.20	6.50	18,180.50	4.50	12,586.50
3	Page & Shnable, Chicago, Ill.	40.00	88.96	5.20	14,544.40	5.20	544.40
4	Thomas Phee, Chicago, Ill. ^b	55.00	122.32	5.25	14,684.25	5.25	14,684.25
5	Charles Stone, Des Moines, Iowa	34.00	75.61	6.75	18,879.75	7.25	20,278.25

No.	Name and address of bidder.	Portland cement concrete (100 cubic yards).				Bolts, etc. (23,500 pounds).		Pine sheeting (6,288 feet B. M.).	
		With crushed stone.		With gravel or pebbles.		Price per pound.	Amount.	Price per 1,000 feet B. M.	Amount.
		Price per cubic yard.	Amount.	Price per cubic yard.	Amount.				
1	C. H. Fath & Son Construction Co., Cleveland, Ohio.	\$6.00	\$600.00	\$6.00	\$600.00	\$0.05	\$1,175.00	\$42.00	\$264.10
2	Cogan & Pound, Chicago, Ill. ^a	8.00	800.00	7.00	700.00	.04	940.00	45.00	282.96
3	Page & Shnable, Chicago, Ill.	5.80	580.00	5.80	580.00	.04	940.00	56.00	352.13
4	Thomas Phee, Chicago, Ill. ^b	6.50	650.00	6.50	650.00	.03½	822.50	34.00	213.79
5	Charles Stone, Des Moines, Iowa	8.50	850.00	9.00	900.00	.03¾	881.25	28.00	176.06

No.	Name and address of bidder.	Oak sheeting (22,016 feet B. M.).		8-inch drain pipe (470 linear feet).		10-inch drain pipe (550 linear feet).		Broken stone, etc. (630 cubic yards).		Total.
		Price per 1,000 feet B. M.	Amount.	Price per linear foot.	Amount.	Price per linear foot.	Amount.	Price per cubic yard.	Amount.	
1	C. H. Fath & Son Construction Co., Cleveland, Ohio.	\$50.00	\$1,100.80	\$0.50	\$235.00	\$0.60	\$330.00	\$2.00	\$1,260.00	\$55,809.38
2	Cogan & Pound, Chicago, Ill. ^a	50.00	1,100.80	.50	235.00	.55	302.50	2.50	1,575.00	55,809.38
3	Page & Shnable, Chicago, Ill.	63.00	1,387.01	.33	155.10	.42	231.00	2.50	1,575.00	41,114.47
4	Thomas Phee, Chi- cago, Ill. ^b	55.00	1,210.88	.08	37.60	.10	55.00	1.50	945.00	45,273.88
5	Charles Stone, Des Moines, Iowa.	34.00	748.54	.97	455.90	.97	533.50	3.00	1,890.00	41,127.28
										55,070.74
										56,519.24

^aLowest bid if concrete with gravel is used.

^bLowest bid if concrete with stone is used.

Abstract of proposals for constructing foundations for abutments and piers for four aqueduct bridges on western section Illinois and Mississippi Canal, received in response to advertisement of January 28, 1902, and opened 12 m., February 27, 1902, by Maj. J. H. Willard, Corps of Engineers.

[Amount available, \$53,000.]

No.	Name and address of bidder.	Earthwork (70,699 cubic yards).		Piles (No. 2272, 36,352 feet).		Pine timber (117,856 feet B. M.).		Oak plank (5,600 feet B. M.).	
		Price per cubic yard.	Amount.	Price per driv- en foot.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.
1	Page & Shnable, Chicago, Ill.	\$0.25	\$17,674.75	\$0.33	\$11,996.16	\$35	\$4,124.96	\$40	\$224.00
2	Callahan Bros. & Katz, Omaha, Nebr.	.29	20,502.71	.35	12,723.20	30	3,535.68	36	201.60
3	C. H. Fath & Son Construction Co., Cleveland, Ohio.	.57	40,298.43	.38	13,813.76	32	3,771.39	38	212.80
4	Chas. Stone, Des Moines, Iowa.	.20	14,139.80	.41	14,904.32	25	2,946.40	33	184.80
5	Cogan & Pound, Chicago, Ill.	.30	21,209.70	.30	10,905.60	35	3,535.68	45	252.00
6	Thomas Phee, Chicago, Ill.	.20	14,139.80	.39	14,177.28	30	3,535.68	55	308.00

No.	Name and address of bidder.	Concrete (904 cubic yards).				Driftbolts, etc. (20,835 pounds).	
		Crushed stone.		Gravel or pebbles.			
		Price per cubic yard.	Amount.	Price per cubic yard.	Amount.	Price per pound.	Amount.
1	Page & Shnable, Chicago, Ill.	\$5.60	\$5,062.40	\$5.85	\$5,288.40	\$0.04	\$833.40
2	Callahan Bros. & Katz, Omaha, Nebr.	6.50	5,876.00	5.50	4,972.00	.04	833.40
3	C. H. Fath & Son Con- struction Co., Cleveland, Ohio.	5.30	4,791.20	5.50	4,972.00	.05	1,041.75
4	Chas. Stone, Des Moines, Iowa.	6.50	5,876.00	6.50	5,876.00	.03½	729.23
5	Cogan & Pound, Chicago, Ill.	6.25	5,650.00	5.00	4,520.00	.05	1,041.75
6	Thomas Phee, Chicago, Ill.	4.30	3,887.20	4.30	3,887.20	.03½	729.23

No.	Name and address of bidder.	Triple lap sheeting.				Total. <i>a</i>
		Oak (48,000 feet B.M.).		Pine (246,240 feet B.M.).		
		Price per M feet.	Amount.	Price per M feet.	Amount.	
1	Page & Shnable, Chicago, Ill.	\$65.00	\$3,120.00	\$57.00	\$14,035.68	\$57,297.35
2	Callahan Bros. & Katz, Omaha, Nebr.	55.00	2,640.00	45.00	11,080.80	56,489.39
3	C. H. Fath & Son Construction Co., Cleveland, Ohio.	50.00	2,400.00	40.00	9,849.60	76,359.73
4	Chas. Stone, Des Moines, Iowa.	33.00	1,584.00	27.00	6,648.48	<i>b</i> 47,013.03
5	Cogan & Pound, Chicago, Ill.	60.00	2,880.00	43.50	10,711.44	55,056.17
6	Thomas Phee, Chicago, Ill.	55.00	2,640.00	34.00	8,372.16	47,789.35

^a In arriving at totals "concrete with crushed stone" is not included.

^b Lowest bid. Town, county, State, and date omitted from heading of proposal.

Abstract of proposals for manufacture and erection of 21 riveted steel highway bridges over Illinois and Mississippi Canal, received in response to advertisement of February 4, 1902, and opened at 12 m., March 6, 1902, by Maj. J. H. Willard, Corps of Engineers.

[Amount available, \$80,000.]

No.	Name and address of bidder.	Steel (1,761,270 pounds).		Pine timber (129,990 feet B. M.).	
		Price per pound.	Amount.	Price per M feet.	Amount.
1	Wallace Marshall, Lafayette, Ind	\$0.04	\$70,450.80	\$50.00	\$6,499.50
2	King Bridge Co., Cleveland, Ohio	4.42	77,848.13	^a 38.00	4,939.62
3	Modern Steel Structural Co., Waukesha, Wis.	3.79	66,752.13	65.00	8,449.35
	Do. ^b	3.79	66,752.13	42.00	5,459.58
4	Penn Bridge Co., Beaver Falls, Pa	4.67	82,251.31	40.00	5,199.60
5	Chicago Bridge and Iron Co., Chicago, Ill. ^c	3.94	69,394.04	30.00	3,899.70
6	C. L. Strobel, Chicago, Ill	4.42	77,848.13	39.00	5,069.61

No.	Name and address of bidder.	Oak timber (141,960 feet B. M.).		Total.
		Price per M feet.	Amount.	
1	Wallace Marshall, Lafayette, Ind	\$50.00	\$7,098.00	\$84,048.30
2	King Bridge Co., Cleveland, Ohio	40.00	5,678.40	88,466.15
3	Modern Steel Structural Co., Waukesha, Wis.	70.00	9,937.20	85,138.68
	Do. ^b	47.00	6,672.12	78,883.83
4	Penn Bridge Co., Beaver Falls, Pa	35.00	4,968.60	92,419.51
5	Chicago Bridge and Iron Co., Chicago, Ill. ^c	40.00	5,678.40	78,972.14
6	C. L. Strobel, Chicago, Ill	44.00	6,246.24	89,163.98

^a Will furnish fir timber in place of pine at \$36 per M feet.

^b If word "blue" is inserted before word "sap" in article 54 of specifications.

^c Lowest bid.

Abstract of proposals for manufacture and erection of the superstructures of six steel highway bridges over the Illinois and Mississippi Canal, received in response to advertisement of March 12, 1902, and opened at 12 noon, March 27, 1902, by Maj. J. H. Willard, Corps of Engineers.

[Appropriation "Constructing Illinois and Mississippi Canal." Amount available, \$25,000.]

No.	Name and address of bidder.	Bridge No. 11, 128 feet 7 inch span.							
		Steel, 115,400 pounds.		Oak, 8,000 feet.		Pine, 7,500 feet.		Fir, 7,500 feet.	
		Price per pound.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.
1	King Bridge Co., Cleveland, Ohio	\$0.047	\$5,423.80	\$40.00	\$320.00	\$40.00	\$300.00	\$36.00	\$270.00
2	Wallace Marshall, Lafayette, Ind .....	.0385	4,442.90	37.50	300.00	33.50	251.25	33.00	247.50
3	Modern Steel Structural Co., Waukesha, Wis .....	.0403	4,650.62	47.00	376.00	35.00	262.50	43.00	322.50
4	Wisconsin Bridge and Iron Co., Chicago, Ill. ....	.0420	4,846.80	40.00	320.00	38.00	285.00	40.00	300.00
5	Chicago Bridge and Iron Co., Chicago, Ill. ....	.0415	4,789.10	45.00	360.00	35.00	262.50	35.00	262.50

Abstract of proposals for manufacture and erection of the superstructures of six steel highway bridges over the Illinois and Mississippi Canal, etc.—Continued.

No.	Name and address of bidder.	Bridges Nos. 16, 17, and 18, 98-foot span.							
		Steel, 204,900 pounds.		Oak, 18,600 feet.		Pine, 16,800 feet.		Fir, 16,800 feet.	
		Price per pound.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.
1	King Bridge Co., Cleveland, Ohio.....	\$0.048	\$9,835.20	\$40.00	\$744.00	\$40.00	\$672.00	\$36.00	\$604.80
2	Wallace Marshall, Lafayette, Ind.....	.0385	7,888.65	37.50	697.50	33.50	562.80	33.00	554.40
3	Modern Steel Structural Co., Waukesha, Wis.....	.0403	8,257.47	47.00	874.20	35.00	588.00	43.00	722.40
4	Wisconsin Bridge and Iron Co., Chicago, Ill.	.0420	8,605.80	40.00	744.00	38.00	638.40	40.00	672.00
5	Chicago Bridge and Iron Co., Chicago, Ill.	.0415	8,503.35	45.00	837.00	35.00	588.00	35.00	588.00

No.	Name and address of bidder.	Bridges Nos. 17A and 18A, 110-foot span.								Total.
		Steel, 163,740 pounds.		Oak, 13,700 feet.		Pine, 12,500 feet.		Fir, 12,500 feet.		
		Price per pound.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.	Price per M feet.	Amount.	
1	King Bridge Co., Cleveland, Ohio.....	\$0.046	\$7,532.04	\$40.00	\$548.00	\$40.00	\$500.00	\$36.00	\$450.00	{ a 25,875.04 b 25,727.84
2	Wallace Marshall, Lafayette, Ind.....	.0385	6,303.99	37.50	513.75	33.50	418.75	33.00	412.50	{ a 21,379.59 c 21,361.19
3	Modern Steel Structural Co., Waukesha, Wis.....	.0403	6,598.72	47.00	643.90	35.00	437.50	43.00	537.50	{ a 22,688.91 b 22,983.31
4	Wisconsin Bridge and Iron Co., Chicago, Ill.....	.0420	6,877.08	40.00	548.00	38.00	475.00	40.00	500.00	{ a 23,340.08 b 23,413.68
5	Chicago Bridge and Iron Co., Chicago, Ill.....	.0415	6,795.21	45.00	616.50	35.00	437.50	35.00	437.50	{ a 23,189.16 b 23,189.16

a With pine.

b With fir.

c With fir—lowest bid.

Abstract of proposals for constructing 2 miles canal trunk western section Illinois and Mississippi Canal, received in response to advertisement of June 3, 1902, and opened at 12 m., June 23, 1902, by Maj. J. H. Willard, Corps of Engineers.

[Amount available, \$25,000.]

No.	Name and address of bidder.	Mile 58 (86,337 cubic yards).		Mile 59 (112,104 cubic yards).		Total.
		Price.	Amount.	Price.	Amount.	
1	Callahan Bros. & Katz, Omaha, Nebr.a.....	\$9.99	\$8,625.07	\$11.60	\$12,974.06	\$21,599.13
2	Flynn Bros., Annawan, Ill.....	11.40	9,842.42	24.00	26,904.26	36,747.38
3	Cogan & Pound, Chicago, Ill.....	14.00	12,087.18	22.00	24,662.88	36,750.06
4	John J. McCaughey, Chicago, Ill.....	12.79	11,042.50	16.78	18,811.05	29,853.55

a Lowest bid. Date of beginning work not stated.

GRAND RAPIDS, MICH., DISTRICT.

[Office: Capt. Charles Keller, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of bids for repair of piers at Manistee, Mich., received and opened July 26, 1901, in accordance with advertisement dated June 26, 1901.

Item.	1. Nelson J. Gaylord, Ludington, Mich. ^a	2. William H. Gillen, Milwaukee, Wis.	3. Smith & Nelson, Muskegon, Mich.	4. Bennett & Schnor- bach, Muskegon, Mich.
1. To cut down and remove old work (356 linear feet) .....per linear foot..	\$2.00	\$2.00	\$2.20	\$3.40
2. To furnish the following material and to secure it in the work:				
White-pine timber (92,136 feet B. M.), per M feet B. M.	28.00	30.00	29.00	29.00
White-pine plank (20,875 feet B. M.), per M feet B. M.	25.00	22.00	26.00	25.20
Driftbolts (11,829 pounds).....per pound..	.03	.04	.04	.04
Screw bolts (63 pounds).....do.....	.04	.04	.04	.04
Spikes (941 pounds).....do.....	.04	.04	.04	.04
Total.....	4,208.71	4,448.65	4,511.21	4,921.71

^a Contract entered into August 5, 1901.

Abstract of bids for "dredging at harbors on east shore of Lake Michigan," received and opened May 5, 1902, in accordance with advertisement by circular letter dated May 1, 1902.

	Samuel O. Dixon, Milwaukee, Wis. ^a	The Lydon & Drews Co., Chicago, Ill.
Dredging at South Haven, Mich. (12,000 cubic yards) .....per cubic yard..		\$0.20
Dredging at Black Lake, Mich. (16,000 cubic yards) .....do.....		.21
Dredging at Muskegon, Mich. (15,000 cubic yards) .....do.....		.21
Approximate total.....		8,910.00
Dredging at South Haven, Black Lake and Muskegon, Mich. (43,000 cubic yards).....per cubic yard..	\$0.18½	.20½
Approximate total.....	7,955.00	8,815.00

^a Contract (emergency) entered into May 7, 1902.

DETROIT, MICH., DISTRICT.

[Officer: Maj. W. H. Bixby, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for dredging in the Little Rapids division of the Hay Lake Channel, St. Marys River, Michigan, received and opened August 31, 1901, pursuant to advertisement dated August 8, 1901.

No.	Name and address of bidder.	Section 1.		Section 2.		Section 3.	
		Price bid per cubic yard.	Estimated cost of excavation, 204,100 cubic yards at full rate and 65,000 cubic yards at half rate.	Price bid per cubic yard.	Estimated cost of excavation, 1,538,250 cubic yards at full rate and 63,000 cubic yards at half rate.	Price bid per cubic yard.	Estimated cost of excavation, 926,400 cubic yards at full rate and 110,000 cubic yards at half rate.
1	Henry Hickler, Sault Ste. Marie, Mich.	Cents. 56	^a \$132,496	Cents. 16	\$251,160.00	Cents. 18	\$176,652.00
2	H. W. Hubbell & Co., Saginaw, Mich.	57	134,862	-----	-----	-----	-----
3	Hingston & Woods, Buffalo, N. Y.	63	149,058	13 $\frac{7}{8}$	217,802.81	15 $\frac{3}{8}$	150,890.25
4	Duluth Dredge and Dock Co., Duluth, Minn.	65	153,790	13 $\frac{1}{2}$	211,916.25	16 $\frac{1}{2}$	161,931.00
5	James Rooney, Toledo, Ohio.	65	153,790	14	219,765.00	18	176,652.00
6	Samuel O. Dixon, Milwaukee, Wis.	68	160,888	^b 11 $\frac{9}{10}$	178,951.50	15 $\frac{9}{10}$	156,042.60
7	G. H. Breyman & Bros., Toledo, Ohio.	74	175,084	14	219,765.00	16	157,024.00
8	The Buffalo Dredging Co., Buffalo, N. Y.	75	177,450	14 $\frac{3}{8}$	221,727.18	16 $\frac{1}{4}$	159,477.50
9	James B. Donnelly, Buffalo, N. Y.	78	184,548	15	235,462.50	17	166,838.00
10	The L. P. & J. A. Smith Co., Cleveland, Ohio. .	80	189,280	15	235,462.50	16 $\frac{1}{2}$	161,931.00
11	Lydon & Drews Co., Chicago, Ill.	95	224,770	11 $\frac{9}{10}$	186,800.25	17 $\frac{9}{10}$	175,670.60

^a Contract entered into September 16, 1901.^b Contract entered into September 17, 1901.

All bids for section 3 rejected.

Abstract of proposals for dredging section 3 of the Little Rapids division of the Hay Lake Channel, St. Marys River, Michigan, received and opened May 19, 1902, pursuant to advertisement dated April 19, 1902.

No.	Name and address of bidder.	Per cubic yard.	Estimated amount of excavation, 735,500 cubic yards full rate, 51,700 cubic yards half rate.
1	Chas. Simono, Two Rivers, Wis. ^a	Cents. 12	\$91,362.00
2	Buffalo Dredging Co., Buffalo, N. Y.	15 $\frac{1}{4}$	116,105.87
3	Duluth Dredging and Dock Co., Duluth, Minn.	15 $\frac{3}{8}$	117,057.56
4	W. A. McGillis & Co., Cleveland, Ohio.	15 $\frac{3}{8}$	117,057.56
5	Samuel O. Dixon, Milwaukee, Wis.	15.9	121,054.65
6	Wm. E. Rooney, Toledo, Ohio.	16	121,816.00
7	The L. P. & J. A. Smith Co., Cleveland, Ohio.	16.1	122,577.35
8	Lydon & Drews Co., Chicago, Ill.	20	152,270.00

^a Contract entered into June 5, 1902.

Abstract of proposals for dredging in Lower Detroit River, Michigan, etc., received and opened May 19, 1902, pursuant to advertisement dated April 19, 1902.

No.	Name and address of bidder.	A. Lime Kiln Crossing. ^a		B. Amherstburg Reach. ^a		C. Hire of dredging plant.	
		Per cubic yard.	Estimated amount of excavation, 3,500 cubic yards.	Per cubic yard.	Estimated amount of excavation, 3,900 cubic yards.	Per hour.	Estimated time about 750 hours.
1	Donnelly Contracting Co., Buffalo, N. Y. ^b	\$4.21	\$14,735				
2	M. Sullivan, Detroit, Mich. ^c			\$2.90	\$11,310		
3	G. H. Breyman & Bros., Toledo, Ohio. ^d	4.68	16,380			\$17.00	\$12,750
4	The L. P. & J. A. Smith Co., Cleveland, Ohio.	4.82	16,870	4.00	15,600		
5	Buffalo Dredging Co., Buffalo, N. Y.	4.95	17,325	3.25	12,675		
6	Rogers & O'Brien, Buffalo, N. Y.					17.75	13,312

^a In addition to above, material between 22 and 23 feet grades that may be removed (estimated at 1,900 cubic yards for A, and 3,800 cubic yards for B) will be paid for at half contract rates.

^b Contract entered into June 6, 1902.

^c Contract entered into June 13, 1902.

^d Contract entered into June 10, 1902.

Abstract of proposals for furnishing and delivering at St. Marys Falls Canal two valve engines, received and opened June 10, 1902, pursuant to poster and circular-letter advertisement dated May 13, 1902.

No.	Name and address of bidder.	Amount.
1	John P. McGuire, Cleveland, Ohio ^a	\$1,440
2	Vulcan Iron Works, Chicago, Ill.....	1,738

^a Emergency contract entered into June 24, 1902.

BUFFALO, N. Y., DISTRICT.

[Office: Maj. T. W. Symons, Corps of Engineers.]

WRECK.

Proposals for removing wreck of steamer Gov. Cushman, opened March 4, 1902, by Maj. T. W. Symons, Corps of Engineers, at Buffalo, N. Y.

Name.	Dredging 15,000 cubic yards. Per cubic yard.	Removing wreck.	Total.
	Cents.		
Wm. D. Johnston, Lewes, Del.....		\$4,417	\$4,417
W. E. Hingston, Buffalo, N. Y. ^a	19	650	3,500
Buffalo Dredging Co., Buffalo, N. Y.....	20	735	3,735

^a Contract awarded.

SAN FRANCISCO, CAL., DISTRICT.

[Officer: Lieut. Col. T. H. Handbury, Corps of Engineers.]

FORTIFICATIONS.

Abstract of proposals for moving six mortar carriages and base rings at Point Bonita, Cal., received in response to advertisement dated August 19, 1901, and opened by Lieut. Col. Chas. E. L. B. Davis, Corps of Engineers, at 11 a. m., August 27, 1901.

No.	Name and address of bidder.	Amount.
1	George Davis, San Francisco, Cal.	\$3,882
2	R. Delos Noble, Sausalito, Cal.	3,375
3	Jas. A. McMahon, San Francisco, Cal.	4,500

Abstract of proposals for furnishing and installing an electric-lighting plant at Fort Miley, Cal., received in response to advertisement dated November 1, 1901, and opened by Lieut. Col. Charles E. L. B. Davis, Corps of Engineers, at 12 m., December 2, 1901.

No.	Name and address of bidder.	Time of completion.	Price.
		<i>Days.</i>	
1	Joshua Hendy Machine Works, San Francisco, Cal.	80	\$2,660
2	Henshaw, Bulkley & Co., San Francisco, Cal.	70	2,190
3	Harron, Rickard & McCone, San Francisco, Cal.	60	1,800
4	New Jersey Foundry and Machine Co., New York City.	150	3,487

Abstract of proposals for moving two 12-inch gun carriages at Point Bonita, Cal., received in response to advertisement dated June 3, 1902, and opened by Lieut. Col. Thomas H. Handbury, Corps of Engineers, at 11 a. m., June 13, 1902.

No.	Name and address of bidder.	Amount.
1	George Davis, San Francisco, Cal.	\$2,500.00
2	Thos. P. H. Whitelaw, San Francisco, Cal.	3,245.00
3	Jas. A. McMahon, San Francisco, Cal.	3,115.84
4	R. Delos Noble, Sausalito, Cal.	3,600.00

PORTLAND, OREG., FIRST DISTRICT.

[Officer: Capt. W. C. Langfitt, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals for dredging about 27,500 cubic yards of material from entrances to canal at Cascade Locks, Oregon, under appropriation for operating and care of canals and other works of navigation, for "Cascade Canal," received and opened at Portland, Oreg., September 30, 1901, by Capt. W. C. Langfitt, Corps of Engineers.

No.	Name and address of bidder.	Dredging in accordance with section a, paragraph 49, of the specifications.	Dredging in accordance with section b, paragraph 49, of the specifications.	Total (27,500 cubic yards).	Remarks.
		<i>Cents.</i>	<i>Cents.</i>		
1	Jacobsen - Bade Co., Portland, Oreg.	55	60	\$15, 125 16, 500	No evidence of authority of W. T. Jacobsen to bind Jacobsen-Bade Co. Guaranty names the bidder as "Jacobsen-Bade & Co., Inc.," also as "Jacobsen-Bade Co., Inc.," while the name of the bidder, as it appears at bottom of bid, is "Jacobsen-Bade Co."
2	Columbia Digger Co., Portland, Oreg.	74	98	20, 350 26, 950	Price under section b of paragraph 49 is for filling behind wall but not for depositing on top of the embankment north of the canal. No evidence of election of person signing proposal as secretary of the Columbia Digger Co. Guaranty names the bidder as "Columbia Digger Company, Inc.," while the name of the bidder, as it appears at bottom of bid, is "Columbia Digger Co'y."
3	John Kiernan, Portland, Oreg.; Hosea W. Taylor, Cascade Locks, Oreg.	-----	90	24, 750	Guaranty names the bidders as "Kiernan & Taylor," while the names of the bidders, as signed at bottom of bid, is "John Kiernan, Hosea W. Taylor."
4	Cascades Construction Co., Portland, Oreg.	25	60	6, 875 16, 500	Price of 25 cents per cubic yard under section a is stated in bid as "for amount available, \$10,000." Price under section b of paragraph 49 is "60 cents for 10,000 yards back of wall and 33 cents for balance dumped in river." No evidence of authority of I. N. Day, as president, to bind the Cascades Construction Co. Guaranty names the bidder as "Cascades Construction Co., Inc.," while the name of the bidder, as signed at bottom of bid, is "Cascades Construction Co."

Abstract of proposals for furnishing and delivering 25,000 tons, more or less, of rubblestone at Fort Stevens, Oreg., for improving mouth of Columbia River, Oregon and Washington, received in response to advertisement dated September 30, 1901, and opened at Portland, Oreg., October 10, 1901, by Capt. W. C. Langfitt, Corps of Engineers.

[Amount available: Improving mouth of Columbia River, Oregon and Washington, "General improvement," \$78,398.92.]

No.	Name and address of bidder.	Price per ton of 2,000 pounds.	Total (25,000 tons).	Delivered by—
		<i>Cents.</i>		
1	Hale & Kern Contract Co. ^a	90	\$22, 500	Barges.

^a Accepted.

Informalities.—Price written out in full in proposal but not expressed in figures. One copy of proposal signed Hale & Kern Contract Co., by John Hale, Portland; the other copy signed Hale & Kern Contract Co., by John Hale, president. The bidder is named in the guaranty as Hale & Kern Contract Co., Incorporated, whereas the name of bidder, as signed to proposal, is Hale & Kern Contract Co.

Abstract of proposals for constructing and delivering two model barges and two scow barges, for improving mouth of Columbia River, Oregon and Washington, and for improving Columbia and Lower Willamette Rivers below Portland, Oreg., received in response to advertisement dated September 9, 1901, and opened at Portland, Oreg., October 9, 1901, by Capt. W. C. Langfitt, Corps of Engineers.

No.	Name and address of bidder.	Two model barges.		One scow barge without house.		One scow barge with house.		Total.
		Price for the two.	To be delivered on or before—	Price.	To be delivered on or before—	Price.	To be delivered on or before—	
1	Joseph Paquet, Portland, Oreg.	\$15,400	Feb. 1, 1902	\$2,870	Jan. 1, 1902	\$3,430	Jan. 1, 1902	\$21,700
2	Joseph Supple, Portland, Oreg.	13,900	.....do.....	2,550	Dec. 20, 1902 ^a	2,975	Dec. 20, 1902 ^a	^b 19,425
3	Portland Shipbuilding Co., Portland, Oreg.	15,500	.....do.....	2,500	Feb. 1, 1902	3,000	Feb. 1, 1902	21,000
4	Benjamin F. Smith, Louis Paquet, Portland, Oreg.	17,580	Feb. 20, 1902	3,190	Jan. 1, 1902	3,640	Jan. 1, 1902	24,410

^a Date for delivery changed from December 20, 1902, to December 20, 1901, in letter of Joseph Supple, dated Portland, Oreg., October 9, 1901, attached to the proposal.

^b Acceptance recommended.

Balances available October 9, 1901:

Improving mouth of Columbia River, Oregon and Washington, for "General improvement".....	\$78,398.92
Improving Columbia and Lower Willamette rivers below Portland, Oreg.....	64,472.52
Total.....	142,871.44

Informalities.—Proposal No. 1. Word "dollars" omitted in three places in one copy of proposal. Name of shipyard at which it is proposed to build one model barge and two scow barges not stated in either copy of proposal. Guaranty attached to bid executed by the United States Fidelity and Guaranty Company on October 8, 1901, whereas the proposal is dated October 9, 1901.

No. 2. Guaranty attached to bid executed by the United States Fidelity and Guaranty Company, on October 8, 1901, whereas the proposal is dated October 9, 1901.

No. 3. The name of the bidder as signed to one copy of proposal is Portland Ship Building Company, and as signed to the other copy of the proposal, Portland Ship Building Co.

No. 4. Guaranty attached to proposal names the bidders as Smith & Paquet, whereas the proposal is signed Benjamin F. Smith, Louis Paquet. October written out in full at bottom of one copy of guaranty, and abbreviated (Oct.) at bottom of other copy. October and Portland, Oregon, written out in full in one copy of affidavit of A. W. Lambert, and abbreviated (Oct. and Portland, Or.) in the other copy. Portland, Oregon, written out in full in one copy of certificate of K. A. Miller, notary public, and abbreviated (Portland, Or.) in the other copy. No certificate on either copy by a judge or clerk of a United States court, a district attorney, United States commissioner, or a judge or clerk of a State court of record that A. W. Lambert and Thos. Hislop are good and sufficient guarantors.

Abstract of proposals for furnishing and delivering at various points on Columbia and Willamette rivers, Oregon and Washington, such quantities of coal as may be ordered during calendar year 1902, received in response to advertisement dated December 19, 1901, and opened at Portland, Oreg., on January 20, 1902, by Capt. W. C. Langfitt, Corps of Engineers.

No.	Name and address of bidder.	Name of mine.	Location of mine.	Name of coal.	Price per ton of 2,240 pounds delivered at—			
					Astoria, Oreg.	Portland, Oreg.	Kalama, Wash.	Fort Stevens, Oreg.
1	George W. Sanborn, Astoria, Oreg.	Roslyn	Roslyn, Wash.	Roslyn	^a \$5.10	\$2.25	^a \$5.00	\$4.90
2	Holmes Coal and Ice Co., Portland, Oreg.	Gale Creek..	Gale Creek, Wash.	Gale Creek..	6.00	5.40	5.75	5.50
3	Newton Poston, Portland, Oreg.	Franklin ...	Franklin, Wash.	Fulton..... (Gem	5.25	^b 5.00	.....	^b 4.90 4.75

Approximate balances available January 20, 1902:

For river and harbor works.....	\$155,357.34
For defenses at mouth of Columbia River, Oregon and Washington	3,240.31
Total.....	158,597.65
Estimated total cost of coal to be purchased under the two proposed contracts	12,500.00
^a Acceptance recommended for Roslyn coal delivered at Astoria, Oreg., and Kalama, Wash.	
^b Acceptance recommended for Fulton coal delivered at Astoria, Oreg., and for Fulton coal and Gem coal delivered at Fort Stevens, Oreg.	

Informalities in bids.—1. Official seal of C. R. Thomson as United States commissioner for district of Oregon not affixed to oaths of the guarantors. No certificate furnished to effect that C. R. Thomson is United States commissioner. 2. No evidence of authority of J. W. Holmes to bind the Holmes Coal and Ice Company.

SEATTLE, WASH., DISTRICT.

[Officer: Maj. John Millis, Corps of Engineers.]

RIVERS AND HARBORS.

Abstract of proposals received by Maj. John Millis, Corps of Engineers, in response to advertisement dated July 13, 1901, for excavating on Lake Washington Canal, Washington, between Lake Union and Salmon Bay, opened August 13, 1901.

No.	Name and address of bidder.	Quantity.	Bid.	Amount.
		<i>Cubic yards.</i>	<i>Cents.</i>	
1	Puget Sound Bridge and Dredging Co., Seattle, Wash.....	96,000	33	\$31,680
2	Seattle Bridge Co., Seattle, Wash.....	96,000	35	33,600
3	Smyth & Howard, Seattle, Wash.....	96,000	27	25,920
4	C. J. Erickson, Seattle, Wash.....	96,000	31	29,760
5	Rydstrom & Goerig, Tacoma and Everett, Wash.....	96,000	34	32,640
6	Henningsen & Fortiner, Seattle, Wash.....	96,000	28	26,880

*ABSTRACTS OF PROPOSALS RECEIVED DURING THE FISCAL YEAR
ENDING JUNE 30, 1902, FOR WORKS UNDER THE MISSISSIPPI RIVER
COMMISSION.*

SECRETARY'S OFFICE, ST. LOUIS, MO.

[Officer, Capt. G. P. Howell, Corps of Engineers.]

Abstract of proposals for furnishing coal for dredging operations, received in response to advertisement dated February 12, 1902, and opened by Capt. G. P. Howell, Corps of Engineers, on March 15, 1902.

No.	Name and address of bidder.	Kind of coal, name and location of mine.	Quantity.	Price per bushel.	Total cost.
1	The Monongahela River Consolidated Coal and Coke Co., Pittsburg, Pa.	The Monongahela River Consolidated Coal and Coke Co.'s mines on Monongahela River, Pennsylvania.	Bushels. 300,000	Cents. 11½	a \$34,500
2	Frederick Hartweg, Cincinnati, Ohio.	Cincinnati and Catsburg mines at Pittsburg, Pa.; Chesapeake and New Diamond mines on Kanawha River, West Virginia.	300,000	11½	35,250

a Accepted.

FIRST AND SECOND DISTRICTS, MEMPHIS, TENN.

[Officer, Capt. E. Eveleth Winslow, Corps of Engineers.]

Abstract of proposals for levee work in Lower St. Francis levee district, received in response to public notice dated November 18, 1901, and opened December 2, 1901, by Capt. E. Eveleth Winslow, Corps of Engineers.

No.	Name and address of bidder.	Loop at mile post 109, near Thompsons Landing, about 33,000 cubic yards. (per cubic yard).
1	A. A. Arnold & Co., Memphis, Tenn.....	Cents. 13½
2	John Berry, Pecan Point, Ark.....	13½
3	Nichols & Tinsley, Memphis, Tenn.....	a 12.24
4	M. J. Roach, Memphis, Tenn.....	14.97
5	R. W. Friend, Pecan Point, Ark.....	15

a Accepted.

THIRD DISTRICT, MEMPHIS, TENN.

[Officer, Capt. Chas. L. Potter, Corps of Engineers.]

Abstract of informal proposals for wire strand, staples, rope, and clamps, dated October 7, 1901, and opened October 17, 1901, at 2 o'clock p. m., by Capt. Chas. L. Potter, Corps of Engineers.

No.	Name of bidder.	Wire strand.			Wire staples (1½-inch).	Manila rope.	Cable clamps.
		⅝-inch.	¾-inch.	1-inch.			
1	George Skene.....	Per lb. \$0.0498	Per lb. \$0.045	Per lb. \$0.0597	Per lb. (a)	Per lb.	Each. b \$0.128
2	A. Leschen & Son Rope Co.....	.0501	.045	.0597	(a)	\$0.135	.....
3	H. E. Coffin.....	b.0494	b.045	b.0597	(a)	b.1095	.....

a No bids received for wire staples; purchase made in open market.

b Accepted.

Abstract of informal proposals for brush and poles, dated October 7, 1901, and opened at 2 o'clock p. m., October 17, 1901, by Capt. Chas. L. Potter, Corps of Engineers.

No.	Name of bidder.	Brush, per cord.	Poles, per cord.
1	Hunter & Frey	^a \$1.12	^a \$1.75

^a Accepted.

FOURTH DISTRICT, NEW ORLEANS, LA.

[Officer, Maj. Geo. McC. Derby, Corps of Engineers.]

UNITED STATES ENGINEER OFFICE,
New Orleans, La., July 1, 1902.

No. 1.—*Abstract of proposals received in response to advertisement (circular) dated June 25, 1901, opened this day by Maj. Geo. McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

LOWER TENSAS LEVEE DISTRICT.

No.	Name and address of bidder.	Fishpond levee.
1	Helgason Bros., Vicksburg, Miss.	Cents. ^a 13 ⁷ / ₈

^a Accepted.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., October 12, 1901.

No. 2.—*Abstract of proposals received in response to advertisement (circular) dated October 2, 1901, opened this day by Maj. Geo. McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

ATCHAFALAYA LEVEE DISTRICT.

No.	Name and address of bidder.	Devall levee.	Cypress Hall Levee.
1	Helgason Brothers, Vicksburg, Miss	Cents. ^a 30	Cents. ^a 30

^a Rejected.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., October 14, 1901.

No. 3.—*Abstract of proposals received in response to advertisement (circular) dated October 4, 1901, opened this day by Maj. Geo. McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

LAKE BORGNE LEVEE DISTRICT.

No.	Name and address of bidder.	Abadie Levee.
1	Michael Cullen, Neptune, La.	Cents. ^a 16.90

^a Rejected.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., October 30, 1901.

No. 4.—*Abstract of proposals received in response to advertisement (circular) dated October 4, 1901, opened this day by Maj. George McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

No.	Name and address of bidder.	Abadie levee.
1	John Cleary, New Orleans, La.....	Cents. a 14.50

a Accepted.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., January 11, 1902.

No. 5.—*Abstract of proposals received in response to advertisement (circular) dated December 31, 1901, opened this day by Maj. George McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

PONTCHARTRAIN LEVEE DISTRICT.

No.	Name and address of bidder.	St. Mary Chapel levee.
		Cents.
1	Helgason Bros., Vicksburg, Miss.....	14.45
2	Donovan & Daley, Bogere, La.....	14.40
3	James R. Marlow, Natchez, Miss.....	a 11.00
4	Louis P. Rice & Co., New Orleans, La.....	17.40
5	Wm. F. Barbour & Son, Wallace, La.....	13.70

a Accepted.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., May 22, 1902.

No. 6.—*Abstract of proposals received in response to advertisement (circular) dated May 12, 1902, opened this day by Maj. Geo. McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

PONTCHARTRAIN LEVEE DISTRICT.

No.	Name and address of bidder.	Whitehall levee.
		Cents.
1	Batt O'Brien, Natchez, Miss.....	14.43
2	James R. Marlow, Union, La.....	a 12.88
3	Geo. Y. Andrews, Baton Rouge, La.....	22.50
4	Donovan & Daley, Bogere, La.....	16.50
5	Hayes Brothers, Bayou Goula, La.....	14.47
6	Richard T. Clark, Natchez, Miss.....	13.99
7	Thompson & Powell, Waggaman, La.....	14.15

a Accepted.

UNITED STATES ENGINEER OFFICE,
New Orleans, La., June 16, 1902.

No. 7.—*Abstract of proposals received in response to advertisement (circular) dated June 5, 1902, opened this day by Maj. Geo. McC. Derby, Corps of Engineers, for levee work in the fourth district, improving Mississippi River.*

ATCHAFALAYA LEVEE DISTRICT.

No.	Name and address of bidder.	Devall levee.	Cypress Hall levee.
		<i>Cents.</i>	<i>Cents.</i>
1	Geo. Y. Andrews, Baton Rouge, La.....	33½	33½
2	C. D. Leeper, Delta, La.....	29	29
3	Helgason Brothers, Vicksburg, Miss.....	23¾	23¾
4	Batt O'Brien, Darrow, La.....	24.73	24.73
5	M. L. Linnan, Cofield, La.....	28.49	28.49

Rejected.

*ABSTRACTS OF PROPOSALS RECEIVED DURING THE FISCAL YEAR
ENDING JUNE 30, 1902, FOR MISCELLANEOUS WORKS UNDER THE
DIRECTION OF THE CHIEF OF ENGINEERS, U. S. ARMY.*

WATER SUPPLY. D. C.

[Office Lieut. Col. A. M. Miller, Corps of Engineers.]

Abstract of proposals for roof, ironwork, etc., for east shaft power house, opened June 29, 1901, by Lieut. Col. A. M. Miller, Corps of Engineers.

Name and address of bidder.	Price.
Penn Bridge Company, Beaver Falls, Pa.....	\$9,890

The only bidder. Bid was accepted.

PUBLIC BUILDINGS AND GROUNDS, WASHINGTON, D. C.

[Officer: Col. Theo. A. Bingham, U. S. Army.]

Proposals for "Fuel" received in response to public advertisement dated April 10, 1902, and opened at 2 o'clock p. m. Saturday, May 10, 1902, by Col. Theo. A. Bingham, U. S. Army.

	Name of bidder.			
	John B. Daish, Washing- ton, D. C.	W. H. Mar- low, Wash- ington, D. C.	V. Baldwin Johnson, Washing- ton, D. C.	Stephenson & Bro., Washing- ton, D. C.
White ash furnace coal.....per ton..	\$5.90	\$5.08	\$5.60	\$5.75
White ash egg or grate coal.....do...	6.15	5.98	6.25	6.00
Red ash egg or grate coal.....do...	6.40	5.98	6.25	6.00
Red ash range or stove coal.....do...	6.40	6.23	6.50	6.50
Cumberland coal.....do...	3.75	4.00	3.60	3.75
Pine kindling wood.....per cord..	8.00	6.98	7.00	7.00
Oak wood.....do...	8.00	6.98	7.00	7.00
Long pine wood.....do...	4.48	4.98	6.00	5.00
Charcoal.....per barrel..	.40	.....	.30	.60

74 MATERIALS AND LABOR FOR ENGINEER DEPARTMENT.

Proposals for "bulbs," received in response to public notice dated April 10, 1902, opened at 2 o'clock p. m., Saturday, May 10, 1902, by Col. Theo. A. Bingham, Army.

Name and address of bidder.	Amount.
Edw. S. Schmidt, Washington, D. C.	\$1,200
The Stumpp & Walter Co., New York, N. Y.	1,200
C. H. Joosten, New York, N. Y.	1,200
Henry F. Michell, Philadelphia, Pa.	1,000
Fred. W. O. Schmitz, Prince Bay, N. Y.	1,000
Henry A. Dreer, Inc., Philadelphia, Pa.	1,000
John Condon, Brooklyn, N. Y.	1,000

Proposal for furnishing and delivering iron fountains for the public grounds, received in response to written invitation of June 17, 1902, and opened on Saturday, June 21, 1902, by Col. Theo. A. Bingham, U. S. Army.

Name and address of bidder.	Description of material.	Price.
J. L. Mott Iron Works, New York, N. Y.	Three iron fountains, complete	\$

Proposals for furnishing and delivering one sprinkling wagon for the public grounds, received in response to circular letter of June 18, 1902, and opened on Saturday, June 21, 1902, by Col. Theo. A. Bingham, U. S. Army.

Name and address of bidder.	Description of material.	Price.
Estate of W. I. Brooke, Washington, D. C.	One 2-horse sprinkling wagon, complete.	
C. M. Woolf & Co., Washington, D. C. ....	.....do	
P. H. Heiskell, jr., & Co., Washington, D. C. ....	.....do	

